ORDER No.MD0007129C3

Service Manual

DVD Stereo System

SA-PM08

Colour

(S) ..... Silver Type

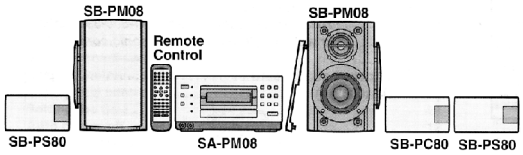
Areas

(GCS) ..... Asia

(GK) ..... China

CD SECTION : DPT-4AT-AD TRAVERSE DECK SERIES

SYSTEM : SC-PM08



SPECIFICATIONS

Specifications

● AMPLIFIER SECTION

Front speaker power output

RMS power output	
THD 10%, both channels driven	
Front (HIGH)	**10W per channel (6 Ω)**
Front (LOW)	**10W per channel (6 Ω)**
Total bi-amp power	**20W per channel**
Power output in SSS mode	
RMS power output	
THD 10%, both channels driven	
Front (HIGH)	**10W per channel (6 Ω)**
Front (LOW)	**10W per channel (6 Ω)**
Center (at 1kHz)	**10W (6 Ω)**
Surround (at 1kHz)	**10W per channel (6 Ω)**
Total power output	**70W**
/ Input sensitivity	
AUX	**250mV**
Input impedance	
AUX	**30k Ω**

● FM TUNER SECTION

Frequency range	**87.50 - 108.00MHz / (50kHz step)**
Sensitivity	**1.8 μ V (IHF)**
Antenna terminals	**75 Ω (unbalanced)**

● AM TUNER SECTION

Frequency range	**522 - 1629kHz (9kHz step)** **520 - 1630kHz (10kHz step)**
Sensitivity	
S/N 20dB at 999kHz	**500 μ V/m**

● DISC SECTION

Disc

DVD-Video	
8cm/12cm single-sided, single-layer / 8cm/12cm single-sided, double-layer / 8cm/12cm double-sided, double-layer / (One layer per side)	
Video CD/CD	**8cm/12cm**

Video

Signel system	**NTSC/PAL / (decided by disc format)**
Output level	**Composite video 1Vp-p (75 Ω)**
S-VIDEO Y	**1Vp-p (75 Ω)**
S-VIDEO C	**0.300Vp-p (75 Ω /PAL) / 0.286Vp-p (75 Ω /NTSC)**

Audio

Sampling frequency	
CD	44.1kHz
DVD	48kHz/96kHz
Decoding	16/20/24bit linear
Wow and flutter	Below measurable limit
Digital filter	8fs
D/A converter	Delta-sigma DAC
Pick up	
Beam Source	Semiconductor Laser
Wavelength	665nm

● GENERAL

Power supply	
For [GCS] area	AC230 - 240V, 50/60Hz
For [GK] area	AC220V, 50Hz
Power consumption	85W
Dimensions (WxHxD)	250x131x323mm
Mass	5.2kg
Power consumption in standby mode	Approx. 0.6W

Notes:

1. Specifications are subject to change without notice. / Mass and dimensions are approximate.
2. Total harmonic distortion is measured by the digital spectrum analyzer.

*1 Manufactured under license from Dolby Laboratories Licensing Corporation. “Dolby”, “AC-3”, “Pro Logic” and the double-D symbol are trademarks ofDolby Laboratories.

● SYSTEM

SC-PM08 : / Main unit : SA-PM08
/ Front speakers : SB-PM08 /
Surround speakers : SB-PS80 /
Center Speakers : SB-PC80

Panasonic®

1. Before Repair and adjustment

Disconnect AC power, discharge Power Supply Capacitors C954 and C955 through a 10 Ω , 5W resistor to ground. / DO NOT SHORT-CIRCUIT DIRECTLY (with a screwdriver blade, for

instance), as this may destroy solid state devices. / After repairsare completed, restore power gradually using a variac, to avoid overcurrent. / Current consumption at AC230V, 50Hz in NO SIGNAL mode should be less than 300mA.

2. Protection Circuitry

The protection circuitry may have operated if either of the following conditions are noticed:

- No sound is heard when the power is turned on.

- Sound stops during a performance.

The function of this circuitry is to prevent circuitry damage if, for example, the positive and negative speaker connection wires are "shorted", or if speaker systems with an impedance less than the indicated rated impedance ofthe amplifier are used. / If this occurs, follow the procedure outlines below:

1. Turn off the power.

2. Determine the cause of the problem and correct it.

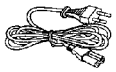
3. Turn on the power once again after one minute.

Note:

When the protection circuitry functions, the unit will not operate unless the power is first turned off and then on again.

3. Accessories

AC power supply cord ..... 1 pc.
(RJA0019-2K)... For [GCS]



AC power supply cord ..... 1 pc.
(RJA0055-1J)...For [GK]

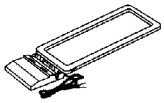
Video cord ..... 1 pc.
(RJL1P016B15A)

FM indoor antenna ..... 1 pc.
(RSA0006-J)...For [GCS]

FM indoor antenna ..... 1 pc.
(RSA0007)...For [GK]

Remote control ..... 1 pc.
(RAK-PM903WK)

AM loop antenna (RSA0032) .... 1 pc.



Speaker feet ..... 12 pcs.
(RFA0631A-K)
Replacements sold in sets of 4.

Remote control batteries ... 2 pcs.

4. Handling Precautions for Traverse Deck

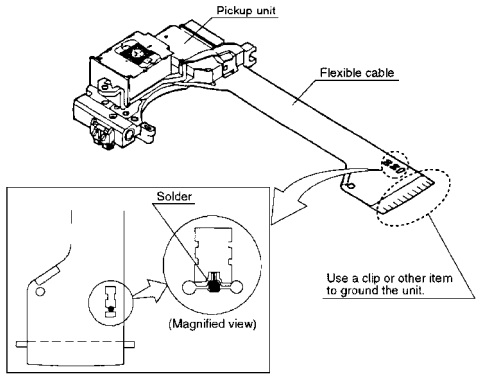
The laser diodes in the traverse deck (optical pickup) may break down due to potential difference caused by static electricity of clothes or human body. / So, be careful of electrostatic breakdown during repair of the traverse deck (optical pickup).

4.1. Handling the traverse deck / (optical pickup)

1. The traverse deck (optical pickup) is an extremely high-precision construction and must not be subjected to impact, excessive vibration, or other types of rough handling.

2. In order to prevent static electricity damage to the laser diode, use a short pin or similar tool to short the optical pickup's flexible circuit boards after they have been disconnected from the main circuit board.
3. Handle the flexible circuit boards with care; excessive force could cause them to be broken.
4. Do not turn the pre-set variable resistor (for adjustment of the laser power); it has been adjusted at the factory. / (as shown in Fig.1)

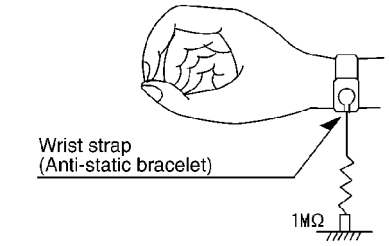
Fig.1

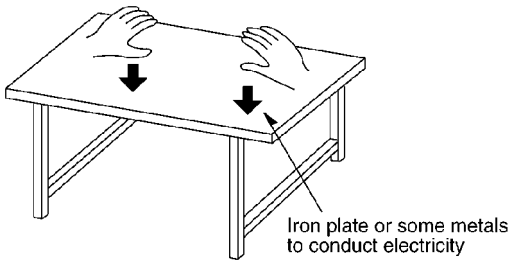


4.2. Grounding for electrostatic breakdown prevention

1. Human body grounding / Use the anti-atatic wrist strap to discharge the static electricity from your body.
2. Work table grounding / Put a conductive material (sheet) or steel sheet on the area where the optical pickup is placed, and ground the sheet. (sa shown in Fig.2)

Fig.2





Caution:

The static electricity of your clothes will not be grounded through the wrist strap. / So, take care not to let your clothes touch the traverse deck (optical pickup)

4.3. Caution when Replacing the Traverse Deck

The traverse deck has a short point shorted with solder protect the laser diode against electrostatic breakbown. Be sure to remove the solder from the short point before making connections.

CAUTION:

THIS PRODUCT UNTILIZES A LASER. USE OF CONTROLS OR ADJUSTMENTS OR PERFORMANCE OF PROCEDURES OTHER THAN THOSE SPECIFIED HEREIN MAY RESULT IN HAZARDOUS RADIATION EXPOSURE.

5. Precaution of Laser Diode

CAUTION: This product utilizes a laser diode with the unit turned "on", invisible laser radiation is emitted from the pick up lens.
Wave length: 780 nm
Maximum output radiation power from pick up: 100 µW/VDE

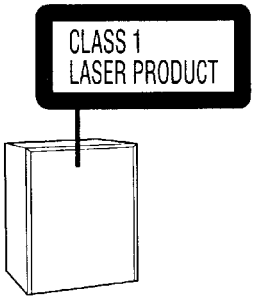
Laser radiation from the pick up unit is safety level, but be sure the followings:

1. Do not disassemble the pick up unit, since radiation from exposed laser diode is dangerous.
2. Do not adjust the variable resistor on the pick up unit. It was already adjusted.
3. Do not look at the focus lens using optical instruments.
4. Recommend not to look at pick up lens for a long time.

ACHTUNG: Dieses produkt enthält eine laserdiode. Im eingeschalteten zustand wird unsichtbare laserstrahlung von der lasereinheit adgestrahit.
Wellenlänge: 780 nm
Maximale strahlungsleistung der laserinhelt: 100 µW/VDE

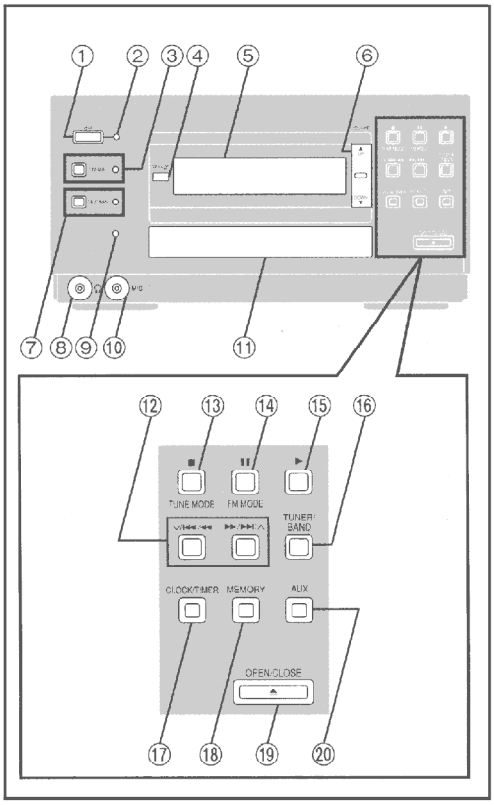
Die strahlung an der lasereinheit ist ungefährlich, wenn folgende punkte beachtet werden:

1. Die lasereinheit nicht zerlegen, da die strahlung an der freigelegten laserdiode gefährlich ist.
2. Den werksseitig justierten einstellregler der lasereinreit nicht verstellen.
3. Nicht mit optischen instrumenten in die fokussierlinse blicken.
4. Nicht über längere zeit in die fokussierlinse blicken.



DANGER	INVISIBLE LASER RADIATION WHEN OPEN. AVOID DIRECT EXPOSURE TO BEAM.	(Inside of product)
ADVARSEL	USYNLIG LASERSTRÅLING VED ÅBNING, NÅR SIKKERHEDSAFBRYDERE ER UDE AF FUNKTION. UNDGÅ UDSÆTTELSE FOR STRÅLING.	(Indersiden at apparatet)
VARO!	AVATTAESSA JA SUOJALUKITUS OHITETTAESSA OLET ALTTIINA NÄKYMÄTÖNTÄ LASERSÄTEILYLLE. ÄLÄ KATSO SÄTEESEEN.	(Tuotteen sisällä)
VARNING	OSYNLIG LASERSTRÅLNING NÄR DENNA DEL ÄR ÖPPNAD OCH SPÄRREN ÄR URKOPPLAD. BETRAKTA EJ STRÅLEN.	(Apparatens insida)
ADVARSEL	USYNLIG LASERSTRÅLING NÅR DEKSEL ÅPNES OG SIKKERHEDSLÅS BRYTES. UNNGÅ EKSPONERING FOR STRÅLEN.	(Produktets innside)
VORSICHT	UNSICHTBARE LASERSTRAHLUNG, WENN ABDECKUNG GEÖFFNET. NICHT DEM STRAHL AUSSETZEN.	(Im Inneren des Gerätes)

6. Location of Controls

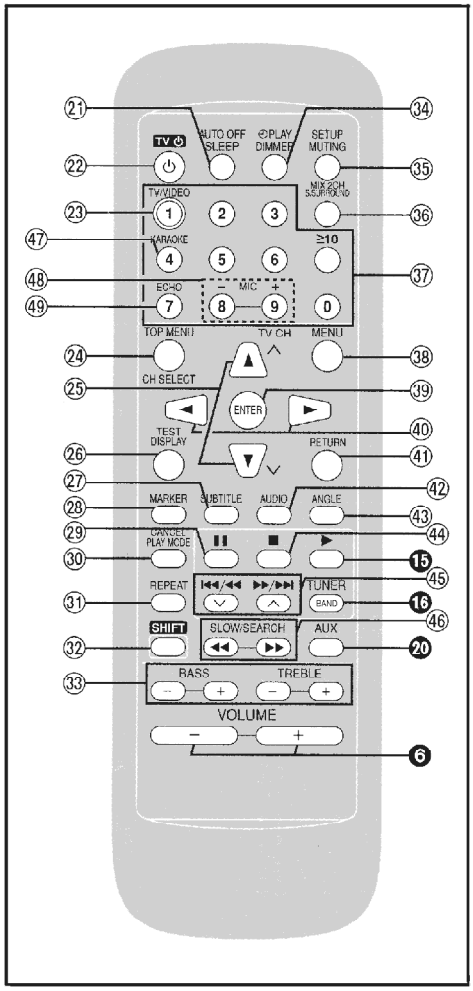


Main unit

① **Standby/on switch (⏻/I)**
Press to switch the unit from on to standby mode or vice versa. In standby mode, the unit is still consuming a small amount of power.
② **Standby/on indicator**
When the unit is connected to the AC mains supply, this indicator lights red in standby mode and lights green when the unit is turned on.
③ **Cinema mode button and indicator (CINEMA)**
④ **Remote control signal sensor (SENSOR)**
⑤ **Display**
⑥ **Volume control (VOLUME ▲ UP, ▼ DOWN)**
⑦ **Super surround button and indicator (S.SURROUND)**
⑧ **Headphone jack (∩)**
⑨ **Dolby Digital indicator**
⑩ **Microphone jack (MIC)**
⑪ **Disc tray**
⑫ **Skip/search/tune/time adjust buttons (∨/I◄◄/◄◄, ►►/►►I/∧)**
⑬ **Stop/tuning mode select button (■, TUNE MODE)**
⑭ **Pause/FM mode select button (❚❚, FM MODE)**
⑮ **Play button (►)**
⑯ **Tuner/band select button (TUNER/BAND)**
⑰ **Clock/timer button (CLOCK/TIMER)**
⑱ **Memory button (MEMORY)**
⑲ **Disc tray open/close button (⏏, OPEN/CLOSE)**
⑳ **AUX button (AUX)**

7. Location of Controls for Remote Control

Transmitter



Remote control

Buttons such as ⑮ function in the same way as the controls on the main unit.

㉑ Sleep timer button (SLEEP)
㉒ Standby/on switch (⏻)
㉔ Top menu button (TOP MENU)
㉕㊵ Cursor buttons (◄, ►, ▲, ▼)
㉖ GUI select button (DISPLAY)
㉗ Subtitle button (SUBTITLE)
㉘ Marker button (MARKER)
㉙ Pause button (❚❚)
㉚ Play mode select button (PLAY MODE)
㉛ Repeat button (REPEAT)
㉜ Shift button (SHIFT)
See below.
㉝ Bass/treble control buttons (BASS −, +, TREBLE −, +)
㉞ Dimmer button (DIMMER)
㉟ Muting button (MUTING)
㊱ Super surround button (S.SURROUND)
㉗ Numbered buttons (0–9, ≥10)
㉘ Menu button (MENU)
㉙ Enter button (ENTER)
㊶ Return button (RETURN)
㊷ Audio button (AUDIO)
㊸ Angle button (ANGLE)
㊹ Stop button (■)
㊺ Skip/search, tuning button (∨, ⏮/◄◄, ∧, ►►/⏭)
㊻ Slow/search button (SLOW/SEARCH ◄◄, ►►)

To operate functions labeled in orange or blue, press [SHIFT] (㉜) and the corresponding button at the same time.

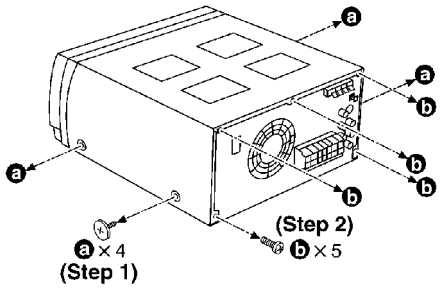
㉑ Auto power-off button (AUTO OFF)
㉒ TV standby/on switch (TV ⏻)
㉓ TV/video input mode select button (TV/VIDEO)
㉔ Speaker channel select button (CH SELECT)
㉕ TV channel select buttons (TV CH ∧, ∨)
㉖ Test signal button (TEST)
㉚ Cancel button (CANCEL)
㉞ Play timer button (PLAY)
㉟ Initial settings button (SETUP)
㊱ 2 channel down-mixing button (MIX 2CH)
㊼ Karaoke mode select button (KARAOKE)
㊽ Microphone volume control buttons (MIC −, +)
㊾ Echo button (ECHO)

8. Operation Checks and Component Replacement Procedures

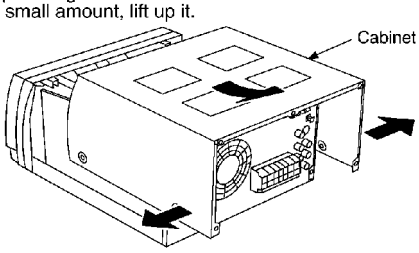
- This section describes procedures for checking the operation of the major printed circuit boards and replacing the main components.

- For reassembly after operation checks or replacement, reverse the respective procedures. Special reassembly procedures are described only when required.

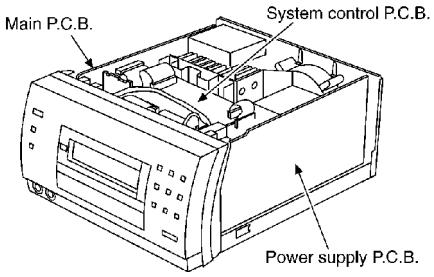
8.1. Checking for the main P.C.B., power supply P.C.B. and system control P.C.B.



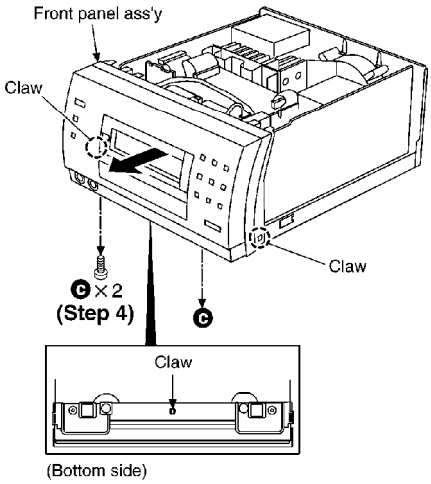
(Step 3)
Spreading the both sides of cabinet a small amount, lift up it.

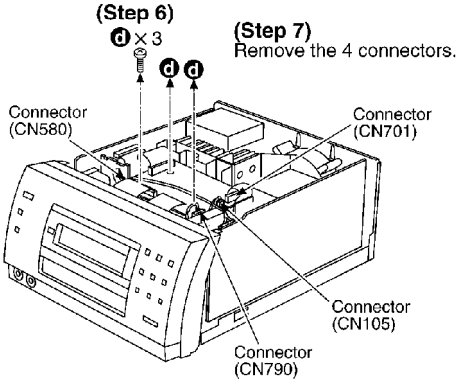


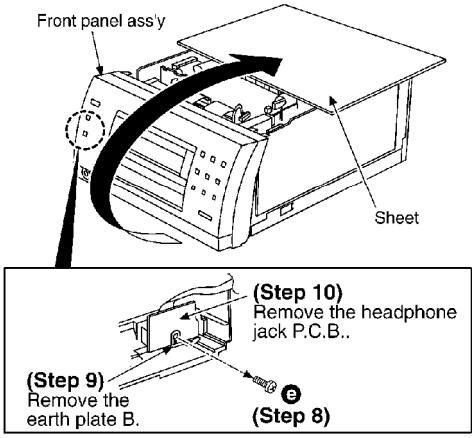
- Check the main P.C.B., power supply P.C.B. and system control P.C.B. (A side) as shown below.



(Step 5)
Release the 3 claws, and then remove the front panel ass'y.



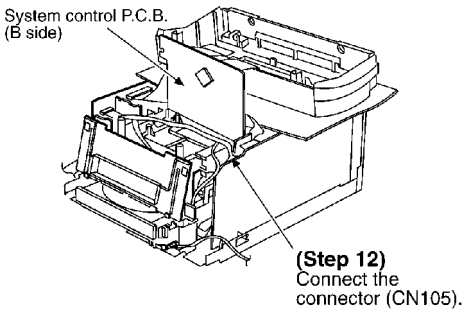




(Step 11)
Upset the front panel ass'y, and then locate it backward.

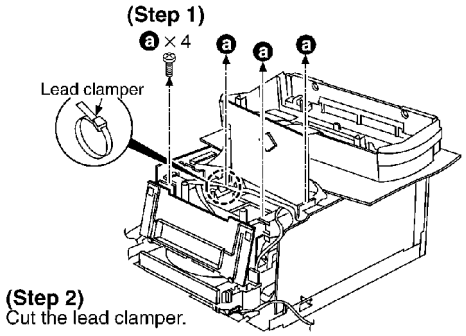
NOTE:
Insulate the front panel ass'y with sheet such as fiber material.

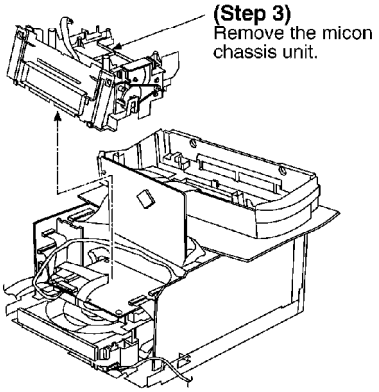
- Check the system control P.C.B. (B side) as shown below.



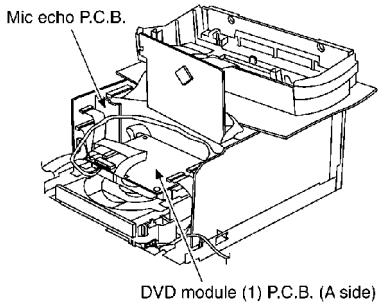
8.2. Checking for the DVD module (1) P.C.B. and mic echo P.C.B.

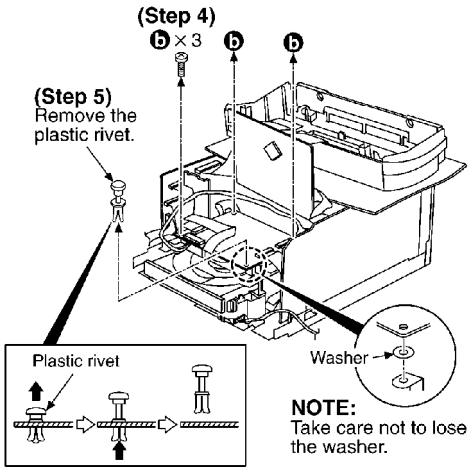
- Follow the (Step 1) - (Step 12) of item 8.1.



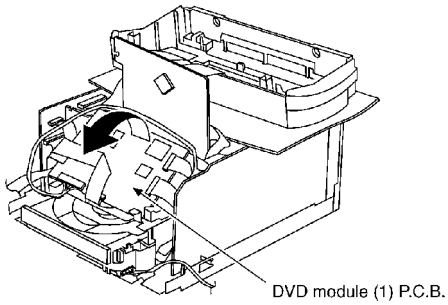


- Check the DVD module (1) P.C.B. (A side) and mic echo P.C.B. as shown below.

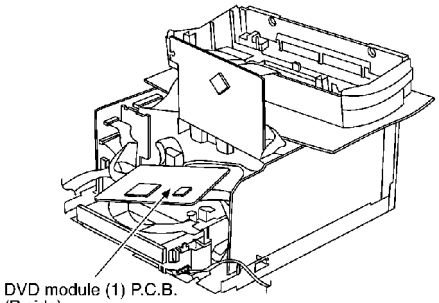




(Step 6)
Upset the DVD module (1) P.C.B..



- Check the DVD module (1) P.C.B. (B side) as shown below.

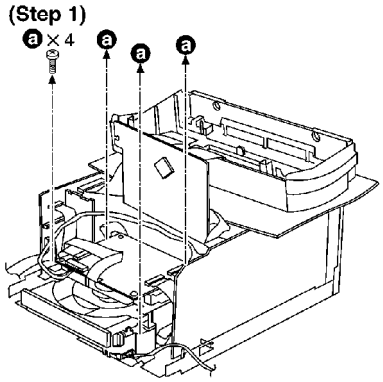


8.3. Checking for the DVD module (2) P.C.B.

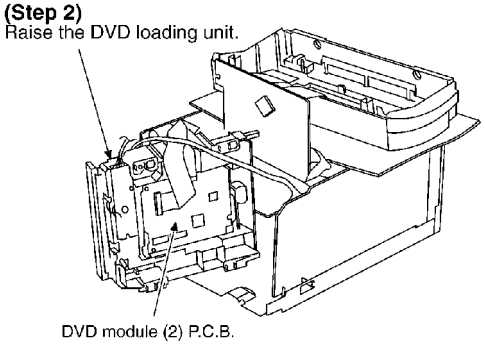
- Follow the (Step 1) - (Step 12) of item 8.1.

- Follow the (Step 1) - (Step 3) of item 8.2.

(Step 1)

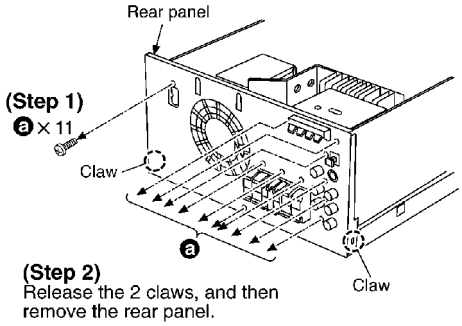


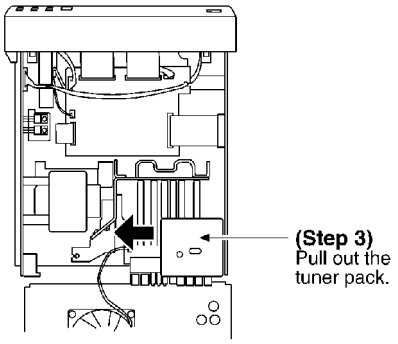
- Check the DVD module (2) P.C.B. as shown below.

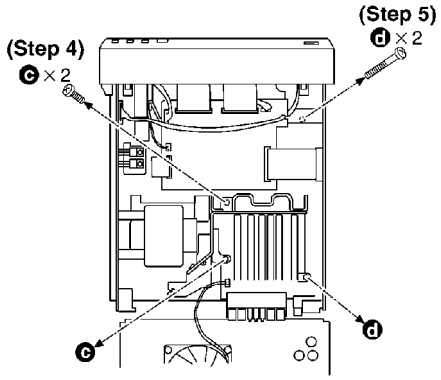


8.4. Checking for the power AMP P.C.B.

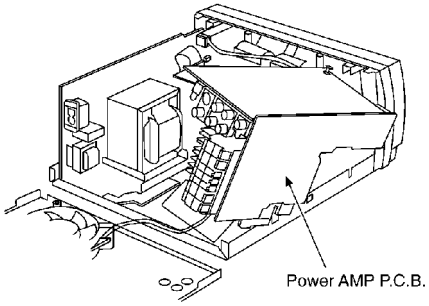
- Follow the (Step 1) - (Step 3) of item 8.1.







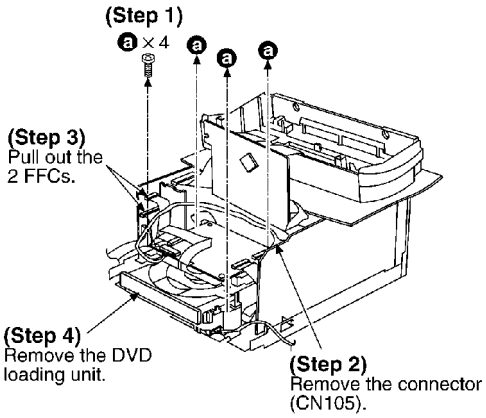
- Check the power AMP P.C.B. as shown below.

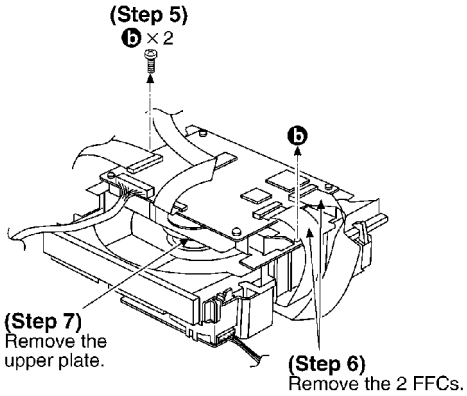


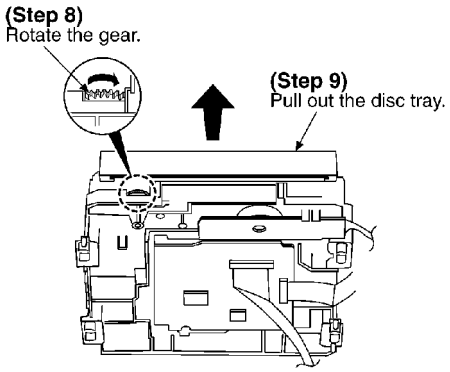
8.5. Replacement for the traverse deck ass'y

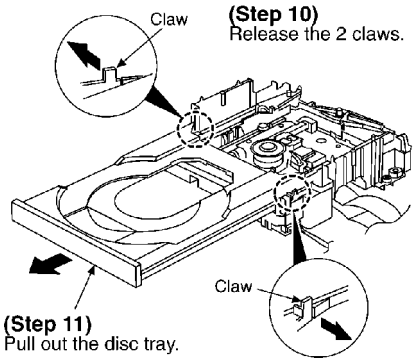
- Follow the (Step 1) - (Step 11) of item 8.1.

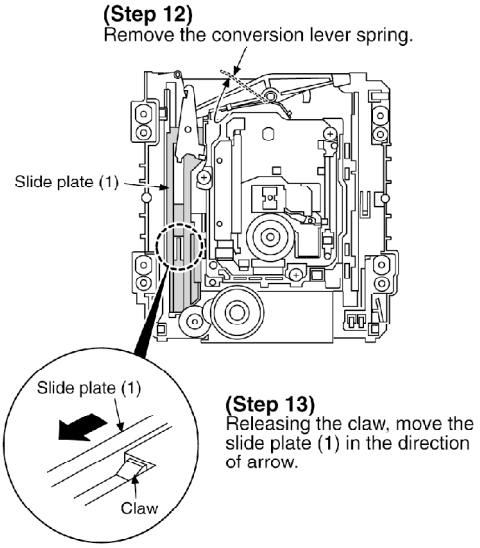
- Follow the (Step 1) - (Step 3) of item 8.2.

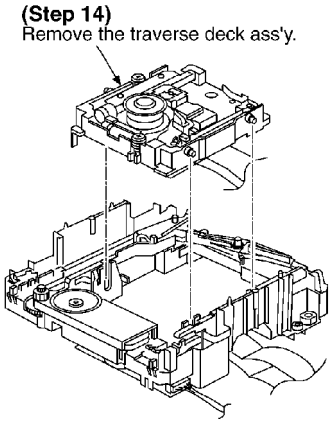






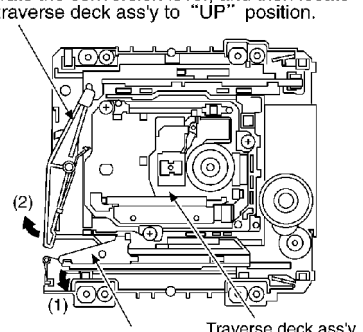

Claw
(Step 10)
Release the 2 claws.
Claw
(Step 11)
Pull out the disc tray.


(Step 12)
Remove the conversion lever spring.
Slide plate (1)
Slide plate (1)
Claw
(Step 13)
Releasing the claw, move the slide plate (1) in the direction of arrow.

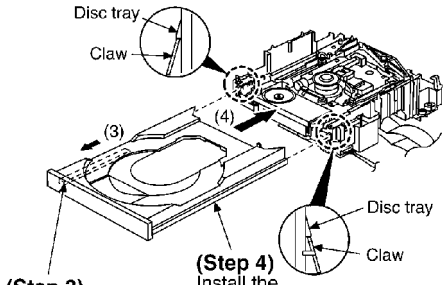

(Step 14)
Remove the traverse deck ass'y.

Installation of the disc tray after replacement

(Step 2)
Operate the conversion lever, and then locate the traverse deck ass'y to "UP" position.



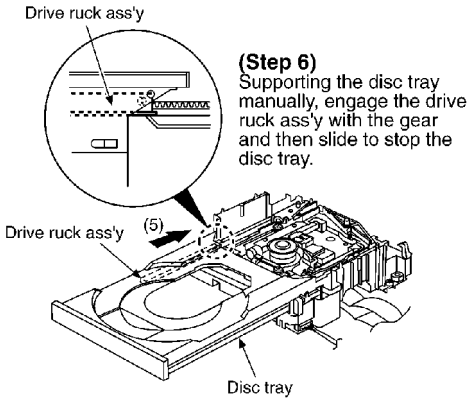
(Step 1)
Release the lock lever.



(Step 3)
Move the drive ruck ass'y in the direction of arrow (3).

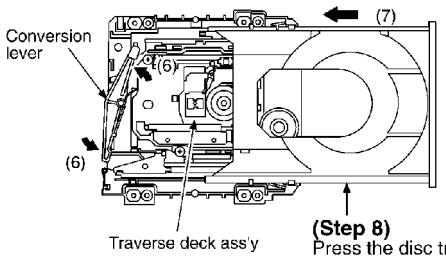
(Step 4)
Install the disc tray.

(Step 5)
Latch the claw to the disc tray.



(Step 6)
Supporting the disc tray manually, engage the drive ruck ass'y with the gear and then slide to stop the disc tray.

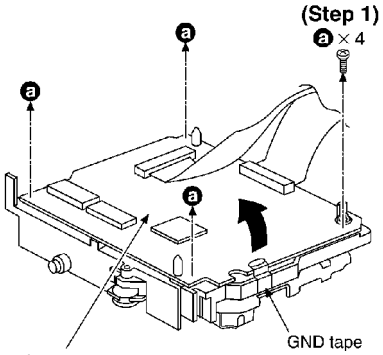
(Step 7)
Operate the conversion lever, and then locate the traverse deck to "DOWN" position.



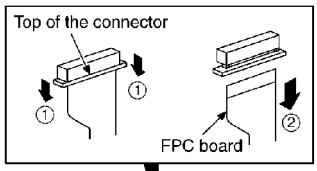
(Step 8)
Press the disc tray.

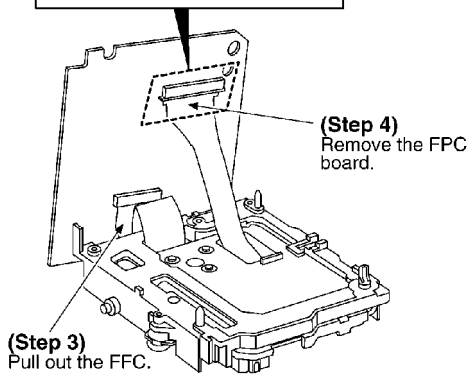
8.6. Replacement for the traverse motor ass'y, optical pickup and spindle motor ass'y

- Follow the (Step 1) - (Step 11) of item 8.1.
- Follow the (Step 1) - (Step 3) of item 8.2.
- Follow the (Step 1) - (Step 14) of item 8.5.

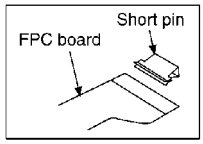


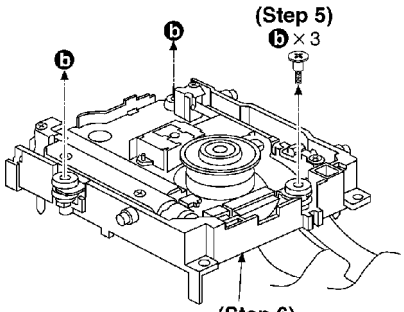
(Step 2)
Unsolder the GND tape, and then remove the DVD module (2) P.C.B..

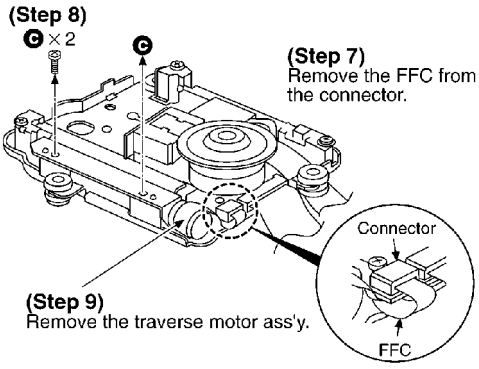


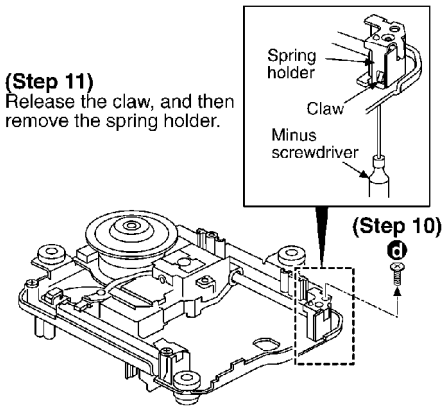


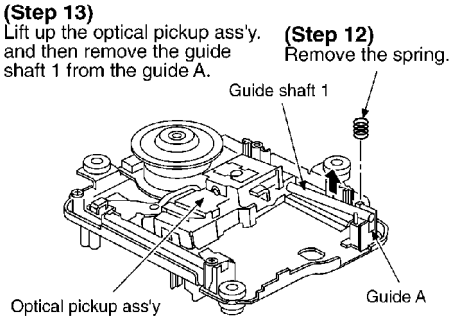
Caution:
Insert short pin into the traverse unit FPC board.
(Refer to "**Handling Precautions for Traverse Deck**".)



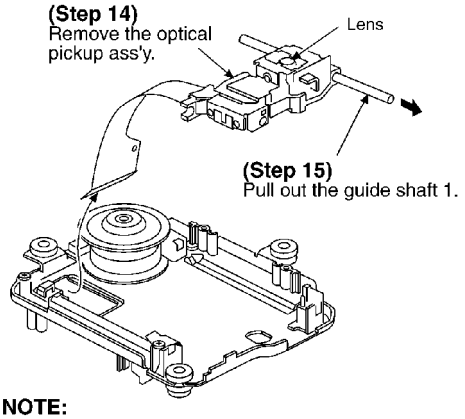




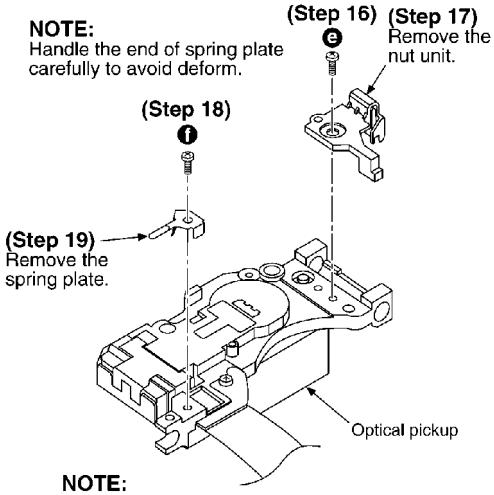


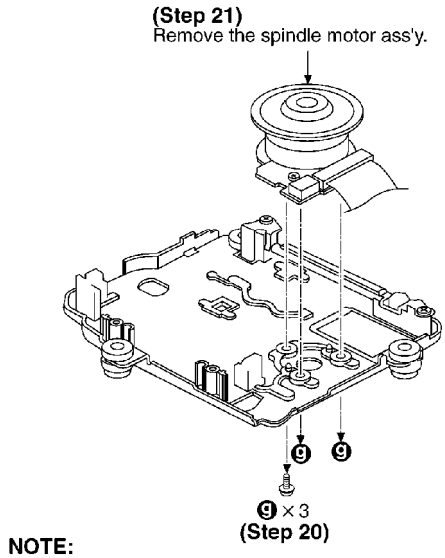

(Step 13)
Lift up the optical pickup ass'y. and then remove the guide shaft 1 from the guide A.
(Step 12)
Remove the spring.
Guide shaft 1
Optical pickup ass'y
Guide A

NOTE:
Take care not to lose the spring.

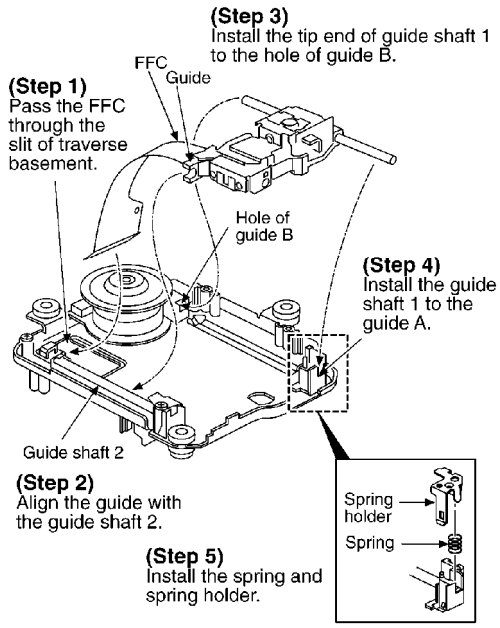


NOTE:
1. Use care to prevent damage the optical pickup, due to the precision construction.
2. Do not touch the lens of the optical pickup.

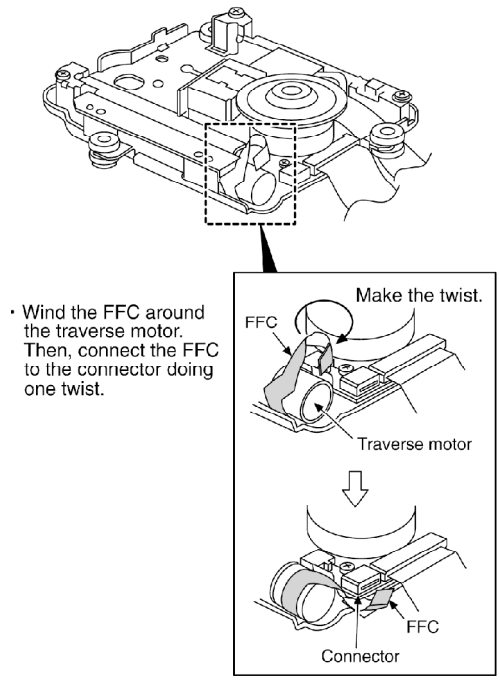

NOTE:
Handle the end of spring plate carefully to avoid deform.
(Step 16)
e
(Step 17)
Remove the nut unit.
(Step 18)
f
(Step 19)
Remove the spring plate.
Optical pickup
NOTE:
Tighten the screw, and then apply the locktite sealant.


(Step 21)
Remove the spindle motor ass'y.
g
g
g × 3
(Step 20)
NOTE:
Tighten the screw, and then apply the locktite sealant.

Installing the optical pickup


(Step 3)
Install the tip end of guide shaft 1 to the hole of guide B.
FFC
Guide
(Step 1)
Pass the FFC through the slit of traverse basement.
Hole of guide B
(Step 4)
Install the guide shaft 1 to the guide A.
Guide shaft 2
(Step 2)
Align the guide with the guide shaft 2.
Spring holder
Spring
(Step 5)
Install the spring and spring holder.

Installing the traverse motor ass'y

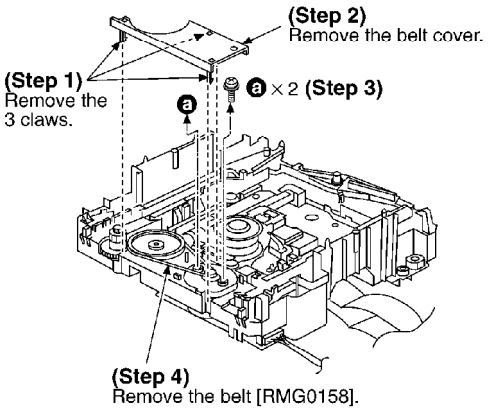

• Wind the FFC around the traverse motor. Then, connect the FFC to the connector doing one twist.
Make the twist.
FFC
Traverse motor
FFC
Connector

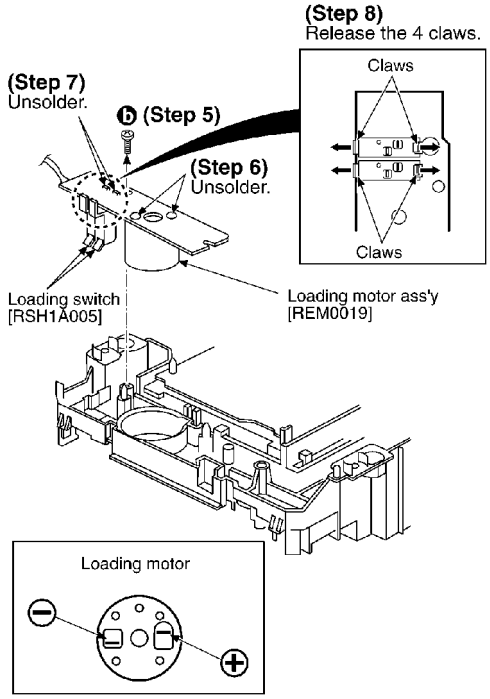
8.7. Replacement for the belt, loading motor ass'y and loading switch

- Follow the (Step 1) - (Step 11) of item 8.1.

- Follow the (Step 1) - (Step 3) of item 8.2.

- Follow the (Step 1) - (Step 11) of item 8.5.

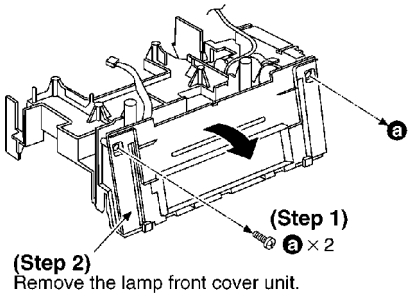


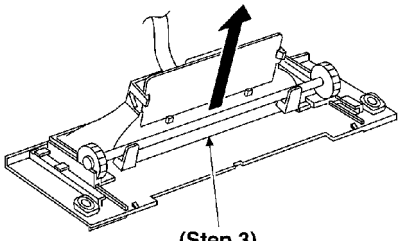


8.8. Replacement for the lamp ass'y, shutter panel and rack

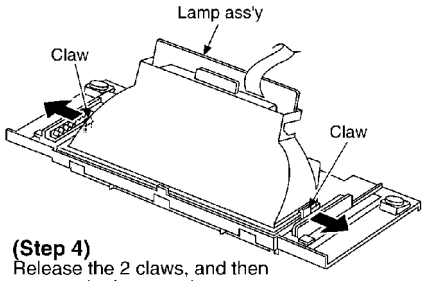
- Follow the (Step 1) - (Step 11) of item 8.1.

- Follow the (Step 1) - (Step 3) of item 8.2.

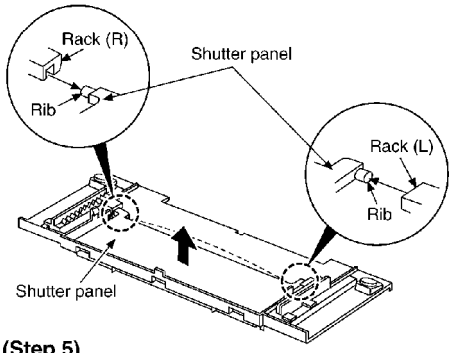




(Step 3)
Pull out the gear shaft unit.

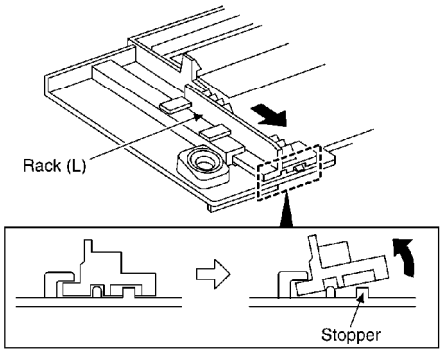


(Step 4)
Release the 2 claws, and then remove the lamp ass'y.



(Step 5)
Bending the shutter panel a little, release the those ribs from the racks (L/R).

(Step 6)
Slide the rack (L) fully in the direction of arrow.

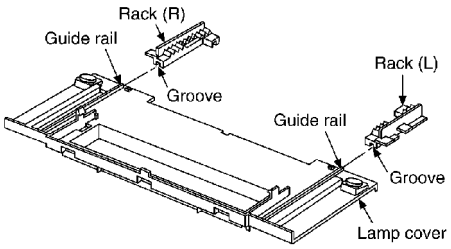


(Step 7)
Lifting the rack (L), remove the rack (L) over stopper.

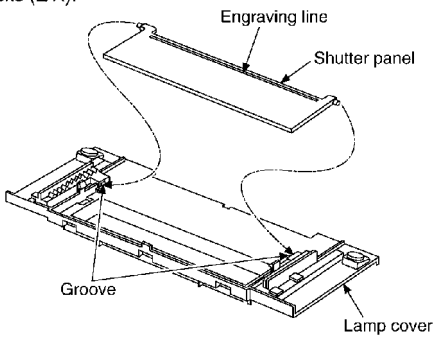
· For the rack (R), do same as that of rack (L).

Installation of the racks (L/R), shutter panel, lamp ass'y and gear shaft unit

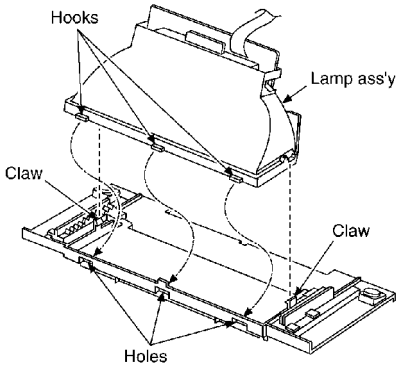
(Step 1)
Align the groove of racks (L/R) with the guide rail of lamp cover.



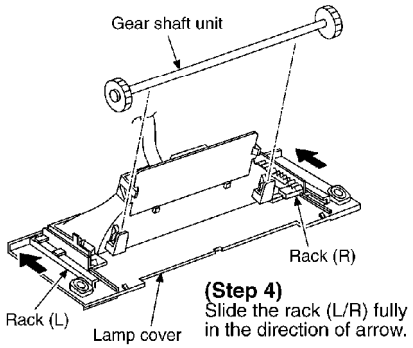
(Step 2)
Face the engraving line of shutter panel upward, and then align the ribs of shutter panel with the groove of racks (L/R).



(Step 3)
First, insert the 3 hooks to the each holes, and then hook the lamp ass'y with 2 claws.



(Step 5)
Locate the gear shaft unit paralle to lamp cover, and then align the gear of both ends with lamp cover.



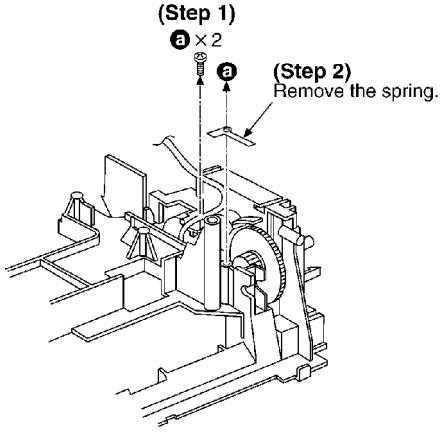
(Step 4)
Slide the rack (L/R) fully in the direction of arrow.

Reassembly check:
Make sure that the racks (L/R) and shutter panel operate smoothly and with parallel by rotating the gear of gear shaft unit.

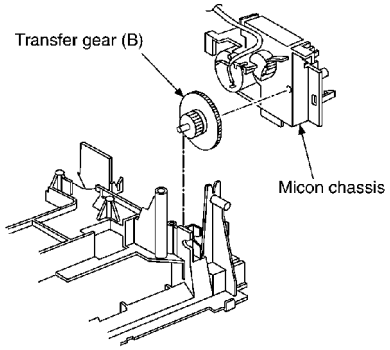
8.9. Replacement for the transfer gear (A)/(B), belt, pulley and motor

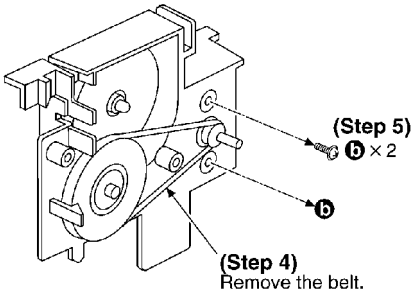
- Follow the (Step 1) - (Step 11) of item 8.1.
- Follow the (Step 1) - (Step 3) of item 8.2.
- Follow the (Step 1) , (Step 2) of item 8.8.

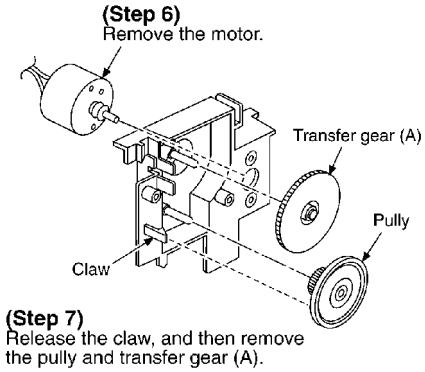
(Step 1)
ⓐ×2



(Step 3)
Remove the transfer gear (B) and micon chassis.

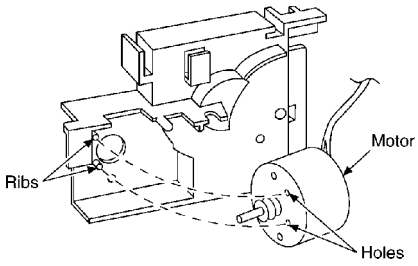






Notice for motor installation

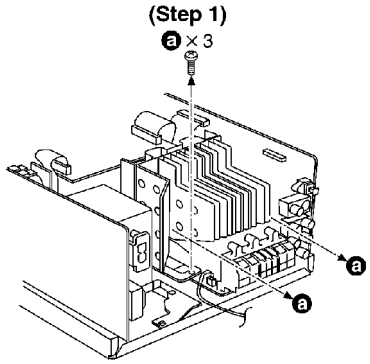
- Align the hole of motor with the ribs.



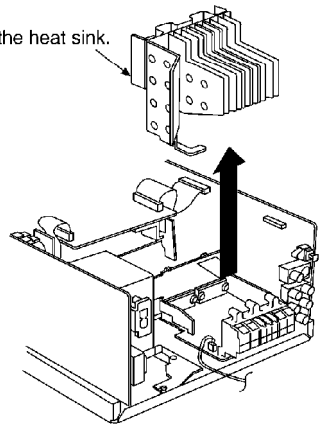
8.10. Replacement for the power IC

- Follow the (Step 1) - (Step 3) of item 8.1.

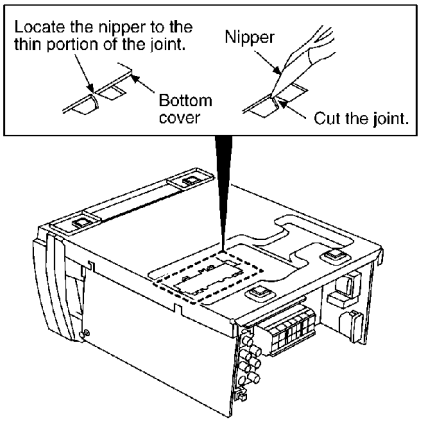
- Follow the (Step 1) - (Step 3) of item 8.4.



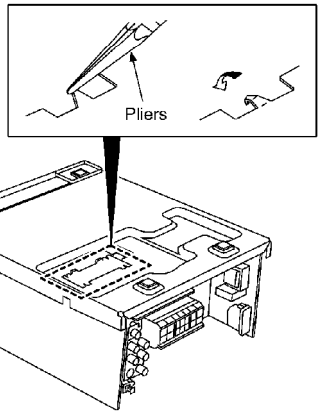
(Step 2)
Remove the heat sink.



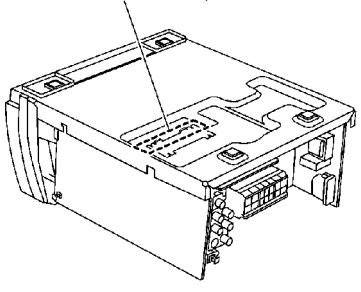
(Step 3)
Cut the joints as shown below (4 portions).

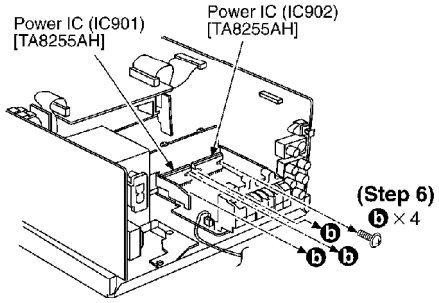


(Step 4)
Fold the joints (4 portions).



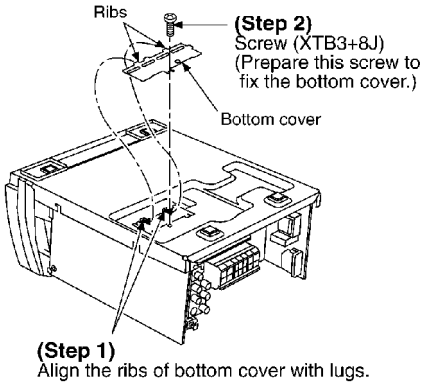
(Step 5)
Unsolder the terminals of power IC.





NOTE:
1. After replacing the power IC, apply a sufficient quantity of compound grease (RFKX0002) between the heat sink and the power IC (Radiation of power IC).
2. Tighten enough the screws (ⓑ) after replacing the power IC. Otherwise, the heat radiation works little.

Installation of the bottom cover after replacement



9. Illustration of ICs, Transistors and Diodes

10. Schematic Diagram

10.1. Schematic Diagram Notes

- This schematic diagram may be modified at any time with the development of new technology.

Notes:

-S601 : Super surround switch (S.SURROUND)

-S602 : Cinema mode switch (CINEMA)

-S603 : Standby/on switch (POWER, ⏻/I)

-S604 : Clock/timer switch (CLOCK/TIMER)

-S605 : Memory switch (MEMORY)

-S606 : Disc tray open/close switch (⏏,OPEN/ CLOSE)

-S607 : Volume control switch (VOLUME ▼ DOWN)

-S608 : Volume control switch (VOLUME ▲Up)

-S609 : Play switch (▶)

-S610 : Pause/FM mode select switch (❚❚, FM MODE)

-S611 : Stop/tuning mode select switch (■, TUNE MODE)

-S612 : Skip/search/tune/time adjust switch (⋁/⏮/◀◀)

-S613 : Skip/search/tune/time adjust switch (▶▶/⏭/⋀)

-S614 : Tuner/band select switch (TUNER/BAND)

-S615 : AUX switch (AUX)

-S790 : Disc tray open detect switch

-S791 : Disc tray close detect switch

- Indicated voltage values are the standard values for the unit meaured by the DC electronic circuit tester (high-impedance) with the chassis taken as standard. / Therefore, there may exist some error in the voltage values, depending on theinternal impedance of the DC circuit tester. / No mark ..... CD STOP / ( )..... CD playback (1kHz, L+R, 0dB)

- Important safety notice: / Components identified by ⚠ mark have special characteristics important for safety. / Furthermore, special parts which have purposes of fire-retardent (resistors), high-quality sound (capacitors), low-noise (resistors),etc. are used. / When replacing any of components, be sure to use only manufacturers specified parts shown in the parts list.

- Caution! / IC and LSI are sensitive to static electricity. / Secondary trouble can be prevented by taking care during repair. / Ground the soldering iron. / Put a conductive mat on the work table. / Do

not touch the legs of ICor LSI with the fingers directly.

- Voltage and signal line / : Positive voltage line / : Negative voltage line / : Video/audio signal line / : Video signal line / : Audio signal line / : FM signal line / : FM OSC signal line / : AM signal line / : AM OSC signal line / : Sub woofer signal line / : CenterSP drive signal line / : Surround SP. drive signal line / : MIC signal line

10.2. Schematic Diagram

11. Printed Circuit Board Diagram

12. Block Diagram

13. Wiring Connection Diagram

14. Terminal Function of ICs

14.1. IC501 (MN101C38CRC1): / System Control and LCD driver

Pin No.	Terminal Name	I/O	Function
1-4	COM3- / COM0	O	LCD Common signal output
5-7	VLC3- / VLC1	I	LCD Bias
8	Vdd		Power supply
9	OSC2	O	Main oscillator output signal
10	OSC1	I	Main oscillator input signal
11	GND		Ground
12	XI	I	Sub oscillator input signal
13	XO	O	Sub oscillator output signal
14	GND		Ground
15	VREF-		A/D converter reference ground
16	KEY1	I	Key1 input signal
17	KEY2	I	Key2 input signal
18	NC		N.C.
19	PWRDET	I	POWR DETECT
20	NC		N.C.
21	DES	I	Destination
22	DISC OPN SW	I	DVD/CD tray open switch

Pin No.	Terminal Name	I/O	Function
23	DISC CLS SW	I	DVD/CD tray close switch
24	VERF+	—	A/D converter reference voltage
25	DCMD	I	DVD data out (command out)
26	DSTAT	I	DVD data in (status in)
27	DCLK	I	DVD clock input
28	NC	—	N.C.
29	DISC OPN	O	DVD/CD tray open
30	DISC CLS	O	DVD/CD tray close
31	CRTIMER	I/O	CR timer
32	RESET	I	Micro reset
33	LFE MUTE	O	LFE mute
34	NC	—	N.C.
35	DVD PWR CNT	O	DVD/CD unit power supply control
36	PWRCNT	O	Power supply control
37	LINE OUT MUTE	O	Line out mute
38	HALT	I	Power down detect pulse
39	RMC IN	I	Remocon input signal
40	HP SW	I	Headphone detect signal
41	MIC SW	I	MIC switch input signal
42	SD	I	Tuner signal detect
43	NC	—	N.C.
44	PLL DO ST	I	PLL count date input/tuner stereo input signal
45	PLL CE	O	Pll chip enable output signal
46	CINE LED	O	CINEMA LED control signal
47	SSS LED	O	Super sorround LED contorl signal
48	DD LED	O	Dolby digital LED control signal
49	PLL CLK ACLK	O	PLL clock output/ASP clock output signal
50	PLL DI ADATA	O	PLL control data output/ASP data output signal
51	ALATCH	O	ASP latch output signal
52	MUTEA	O	Audio mute output signal
53	EDAT	I/O	EEPROM data in/out

Pin No.	Terminal Name	I/O	Function
54	18dB	O	18db attenuator/EEPROM clock
55	ECS	O	EEPROM chip select output signal
56	WIDE2	O	DVD control output signal
57	WIDE1	O	DVD control output signal
58	LCD CLS	O	Display close control output signal
59	LCD OPN	O	Display open control output signal
60	ECHO DAT	O	Echo data output signal
61	ECHO CLK	O	Echo clock output signal
62	EHCO LATCH	O	Echo latch output signal
63 / | / 100	SEG37 / | / SEG0	O	LCD segment output signal

15. Replacement Parts List

Notes:

- Important safety notice : / Component identified ⚠ mark have special characteristics important safety. / Furthermore, special parts which have purposes of fire-retardant (resistors), hight-quality sound (capacitors), low-noise (resistors),etc. are used. / When replacing any of components, be sure to use only manufactures specified parts shown in the parts list.
- The <ODSD> mark in Remarks indicates source of supply.
- The marking (RTL) indicates thet Retention Time is Limited for this item. After the discontinuation of this assembly in production, the item will continue to be available for a specific period of item. The retention period of availability is dependenton the type of assembly, and in accordance with the laws governing part and product retention. After the end of this period, the assembly will on longer be available.
- [M] indicates in the remarks columns indicates parts supplied by MESA .

Ref. No.	Part No.	Part Name & Description	Pcs.	Remarks
		CABINET AND CHASSIS		
1	RGP0794A-A	ORNAMENT PANEL	1	[M]
2	RKM0415A-S	FRONT PANEL	1	[M]
4	RGP0793-Q	LCD PANEL	1	[M]
5	RGU1883-H	VOLUME BASE	1	[M]
6	RGU1871-S	VOLUME BUTTON	1	[M]
7	RGU1869-S1	OPERATION BUTTON	1	[M]
8	RGU1870-S1	EJECT BUTTON	1	[M]
9	RGU1868-S1	POWER BUTTON	1	[M]
10	RGL0502-Q	LED PANEL	1	[M]
11	RME0324	EARTH SPRING	1	[M]
12	RKA0059-K	LEG RUBBER	4	[M]
13	RFKPAPM15EGS	MOTOR ASS'Y	1	[M]
14	RDG0474	TRANSFER GEAR (A)	1	[M]
15	RDP0056	BELT PULLEY	1	[M]
16	RMG0158	BELT	1	[M]
17	RMR1293-W	GEAR FIXTURE	1	[M]
18	RMK0450-1	MICON PCB CHASSIS	1	[M]
19	RDG0475	TRANSFER GEAR (B)	1	[M]
20	RMC0404	FRICTION SPRING	1	[M]
21	RGQ0261-W	LAMP FRONT COVER	1	[M]
22	RDG0478	RACK (L)	1	[M]
23	RDG0479	RACK (R)	1	[M]
24	RGQ0262-W1	SHUTTER PANEL	1	[M]
25	RMR1296-W	DISORDER SHEET	1	[M]
26	RMR1295-W	LAMP COVER	1	[M]
27	RMS0676	GEAR SHAFT	1	[M]
28	RDG0476	GEAR	1	[M]
29	RGR0302A-C	REAR PANEL	1	[M]GCS
29	RGR0302B-C	REAR PANEL	1	[M]GK
30	REM0072-3	FAN	1	[M]
31	RGK1256-S	DVD LID	1	[M]
32	RKQ0089-J	PCB SPACER	2	[M]
33	RKM0416-S1	TOP CABINET	1	[M]
34	RMZ0339	COVER	1	[M]
35	RMN0595	LCD HOLDER	1	[M]
36	RHD30007-S	SCREW	4	[M]
37	RMK0451	BOTTOM CHASSIS	1	[M]
38	RMC0430	EARTH PLATE (B)	1	[M]GK
39	RMC0429	EARTH PLATE (A)	2	[M]
40	RMN0091	PCB SPACER	1	[M]
41	RMN0337	PCB SUPPORT	1	[M]
42	RMV0207	SENSOR COVER	1	[M]
43	RMY0259	HEAT SINK (C)	1	[M]
44	XTB3+10JFZ	SCREW	30	[M]
45	XTB3+20J1	SCREW	2	[M]
46	XTBS26+10J	SCREW	9	[M]
47	XTBS3+8JFZ1	SCREW	17	[M]
48	XTW3+10T	SCREW	4	[M]
49	XTWS3+8T	SCREW	1	[M]
50	XYN2+F4	SCREW	2	[M]
51	REE0998	MICON PCB AUDIO PCB	1	[M]

Ref. No.	Part No.	Part Name & Description	Pcs.	Remarks
52	REE0999	MICON PAB PANEL PCB	2	[M]
53	REE1003	DVD MODLE - AUDIO PC	1	[M]
54	REE1004	DVD MODLE - AUDIO PC	1	[M]
55	REE1001-1	DVD MODULE - DVD F.E	1	[M]
56	REE1002	DVD MODULE - DVD F.E	1	[M]
57	REX1018	TRANS TO POWER (10 P	1	[M]
58	REX1019	TRANS TO MICON 11P W	1	[M]
59	REX1020Y	CR2 LOADING TO MICON	1	[M]
60	REX1021	MICON TO MOTOR 2P WI	1	[M]
61	REX1022Y	TRANS TO DVD MODULE	1	[M]
62	RHD30078	SCREW	3	[M]
63	RMX0181	BE PCB SPACER	1	[M]
64	RMY0256	HEAT SINK (A)	1	[M]
65	RMY0260	HEAT SINK (SMALL)	1	[M]
66	RKW0608-Q	SENSOR PANEL	1	[M]
67	RXX0223-1	COMPLETE HEAT SINK	1	[M]
68	SHR301	LEAD CLAMPER	1	[M]
		TRAVERSE DECK		
301	RFKJAPM08PCS	MECHA CHASSIS ASS'Y	1	[M]
302	REM0019	MOTOR ASSY	1	[M]
303	RMK0255	BELT COVER	1	[M]
304	RGQ0144-K	TRAY NL	1	[M]
305	VMT0994	RUBBER CUSHION	1	[M]
306	VHD1223	FLOATING SCREW	3	[M]
311	XTV2+6G	PCB SCREW	1	[M]
312	RME0063	LOCK LEVER SPRING	1	[M]
313	RMM0079A-1	SLIDE PLATE 1	1	[M]
314	RML0178-1	LOCK LEVER	1	[M]
315	RDG0144	DRIVE GEAR 2	1	[M]
316	RHD20009-1	SCREW	1	[M]
317	RME0087A-1	ASSIST SPRING	1	[M]
318	RML0177	CHANGE LEVER	1	[M]
319	RMM0059A-1	SLIDE PLATE 2	1	[M]
320	RMR1302-W	FIXED PLATE	1	[M]
321	RHM0001	MAGNET	1	[M]
322	RMR1301-K	CLAMPER	1	[M]
323	XTN26+6G	SCREW	2	[M]
324	RMA1334	CLAMPER PLATE	1	[M]
325	XYN2+F6FZ	SCREW	2	[M]
326	RMG0158	BELT	1	[M]
328	RDG0142	RELAY GREAR	1	[M]
329	RDG0193	DRIVE GEAR 1	1	[M]
330	RDP0065	RELAY PULLEY	1	[M]
331	RMM0083	DRIVE RACK	1	[M]
332	RMA1003	BACK YOKE	1	[M]
334	RMC0387	SUPPORT SPRING	1	[M]
335	RMN0618	GND HOLDER	1	[M]
336	RMR1305-K	TRV CHASSIS	1	[M]
337	RSC0572	GND TAPE	1	[M]
338	XTV2+5G	PCB SCREW	4	[M]
339	SHR415	PLASTIC RIVET	1	[M]
401	VWJ1388	SPINDLE FFC	1	

Ref. No.	Part No.	Part Name & Description	Pcs.	Remarks
402	BML3E4CRU	SPINDLE MOTOR	1	
403	VEM0720	SPINDLE MOTOR UNIT	1	
404	VMB3278	TILT SPRING	2	
405	VMC1487	SUB-SHAFT SPRING	1	
406	VMC1606	SPRING HOLDER 1	1	
407	VMC1607	SPRING HOLDER 2	1	
409	VMG1166	FLOATING RUBBER	3	
410	VMK0502	TRAVERSE CHASSIS	1	
411	VMS6471	GUIDE SHAFT 1	1	
412	VMS6472	GUIDE SHAFT 2	1	
413	VED0402-1	OPTICAL PICK-UP	1	⚠
414	VMC1491	SUB-SHAFT PRELOAD	1	
415	VMC1490	SCREW NUT	1	
416	VMD3260	NUT	1	
417	VHD1224	SCREW	5	
418	VHD1358	SCREW	3	
419	VHD1057	SCREW	1	
420	XQNQC17+3	SCREW	1	
421	XXE26C6FN	SCREW	3	
		INTEGRATED CIRCUITS		
IC101	M5218AFPE3	IC	1	[M]
IC102	M5228FPE1	IC QUAD OP AMP	1	[M]
IC103	M5218AFPE3	IC	1	[M]
IC104	TC4053BFNELM	IC CMOS SWITCH	1	[M]
IC105	TC4053BFNELM	IC CMOS SWITCH	1	[M]
IC106	M5218AFPE3	IC	1	[M]
IC107	M5228FPE1	IC QUAD OP AMP	1	[M]
IC108	TC4052BFNELM	IC CMOS SWITCH	1	[M]
IC109	M5228FPE1	IC QUAD OP AMP	1	[M]
IC111	M62446FPE2	IC 6CH ASP	1	[M]
IC112	M5228FPE1	IC QUAD OP AMP	1	[M]
IC113	M5218AP	IC BUFFER AMP	1	[M]
IC301	M5228FPE1	IC QUAD OP AMP	1	[M]
IC401	TC7S08FT5LT	IC AND GATE	1	[M]
IC450	M65853FPE1	IC ECHO	1	[M]
IC501	MN101C38CRC1	IC MICRO-P	1	[M]
IC701	BA6283N	IC	1	[M]
IC790	TA7291S	IC	1	[M]
IC801	S81350HGZ	IC REGULATOR	1	[M] ⚠
IC802	SI8050JLF118	IC SW REGULATOR	1	[M] ⚠
IC803	BA05T	IC REGULATOR	1	[M] ⚠
IC901	TA8255AH	IC BTL POWER AMP	1	[M]
IC902	TA8255AH	IC BTL POWER AMP	1	[M]
IC2001	MN67706EA	IC	1	[M]
IC2002	TC7WU04FUT2L	IC 3 INVERTER	1	[M]
IC2501	AN8480NSB-E1	IC DRIVER	1	[M]
IC2511	BA5983FM-E2	IC CDROM DRIVER	1	[M]
IC3001	MN677532JA	IC AVDEC	1	[M]
IC3002	PQ018EZ01ZP	IC REGULATOR	1	[M] ⚠
IC3003	TC4W66FUTL	IC ANALOG SWITCH	1	[M]

Ref. No.	Part No.	Part Name & Description	Pcs.	Remarks
IC3061	KM416S1DTG8T	IC S-DRAM 16M	1	[M]
IC3071	KM416S1DTG8T	IC S-DRAM 16M	1	[M]
IC3091	PQ1R33	IC REGULATOR	1	[M] ⚠
IC3501	BA7665FS-E2	IC VIDEO AMP	1	[M]
IC4202	PCM1600Y1T2	IC 6CH A-DAC	1	[M]
IC4203	MM1385ENRE	IC REGULATOR	1	[M]
IC5201	AN8707FH	IC FEP	1	[M]
IC6001	TC74HCT7007A	IC 3V-5V LEVEL SHIFT	1	[M]
IC6201	MN102H55GFB	IC MICRO P	1	[M]
IC6251	UPC29M33T	IC REGULATOR	1	[M] ⚠
IC6301	PST596JNR	IC RESET	1	[M]
IC6302	VUB8011B534	IC 4M FLASH ROM	1	GCS
IC6302	VUB8011D534	IC 4M FLASH ROM	1	GK
IC6303	AT25020NSI27	IC EEPROM 4K	1	[M]
IC6501	BU2285FV-E2	IC CLOCK GENERATOR	1	[M]
IC6521	AHC1GU04HDCK	IC INVERTER	1	[M]
IC6551	MM1385ENRE	IC REGULATOR	1	[M]
IC7001	MN103S13BGA	IC ODC	1	[M]
		TRANSISTORS	1	
Q101	KRC104STA	TRANSISTOR	1	[M]
Q108	KRC102STA	TRANSISTOR	1	[M]
Q110	KRC102STA	TRANSISTOR	1	[M]
Q111	DTA143EKT146	TRANSISTOR	1	[M]
Q112	2SC2712GRT5T	TRANSISTOR	1	[M]
Q113	2SC2712GRT5T	TRANSISTOR	1	[M]
Q114	2SC2712GRT5T	TRANSISTOR	1	[M]
Q115	2SC2712GRT5T	TRANSISTOR	1	[M]
Q116	2SC2712GRT5T	TRANSISTOR	1	[M]
Q117	2SC2712GRT5T	TRANSISTOR	1	[M]
Q121	2SC3326BT5M	TRANSISTOR	1	[M]
Q122	KRA111STA	TRANSISTOR	1	[M]
Q128	KRA111STA	TRANSISTOR	1	[M]
Q129	2SC3326BT5M	TRANSISTOR	1	[M]
Q130	2SC3326BT5M	TRANSISTOR	1	[M]
Q131	2SC3326BT5M	TRANSISTOR	1	[M]
Q132	2SC3326BT5M	TRANSISTOR	1	[M]
Q133	2SC3326BT5M	TRANSISTOR	1	[M]
Q134	2SC3326BT5M	TRANSISTOR	1	[M]
Q135	KRA104STA	TRANSISTOR	1	[M]
Q136	2SC3326BT5M	TRANSISTOR	1	[M]
Q137	2SC3326BT5M	TRANSISTOR	1	[M]
Q138	KRA111STA	TRANSISTOR	1	[M]
Q139	2SC3326BT5M	TRANSISTOR	1	[M]
Q140	2SC2712GRT5T	TRANSISTOR	1	[M]
Q141	2SC2712GRT5T	TRANSISTOR	1	[M]
Q142	2SC2712GRT5T	TRANSISTOR	1	[M]
Q148	2SC2712GRT5T	TRANSISTOR	1	[M]
Q149	2SC2712GRT5T	TRANSISTOR	1	[M]
Q150	KRA111STA	TRANSISTOR	1	[M]
Q152	KRA111STA	TRANSISTOR	1	[M]
Q155	2SC3326BT5M	TRANSISTOR	1	[M]

Ref. No.	Part No.	Part Name & Description	Pcs.	Remarks
Q156	2SC3326BT5M	TRANSISTOR	1	[M]
Q201	2SJ498CDTA	TRANSISTOR	1	[M]
Q202	2SJ498CDTA	TRANSISTOR	1	[M]
Q203	2SJ498CDTA	TRANSISTOR	1	[M]
Q450	2SC2712GRT5T	TRANSISTOR	1	[M]
Q507	KRA104STA	TRANSISTOR	1	[M]
Q508	KRC104STA	TRANSISTOR	1	[M]
Q509	2SA1162GRT5T	TRANSISTOR	1	[M]
Q510	KRC111STA	TRANSISTOR	1	[M]
Q601	KRC102MTA	TRANSISTOR	1	[M]
Q750	2SC2712GRT5T	TRANSISTOR	1	[M]
Q751	2SC2712GRT5T	TRANSISTOR	1	[M]
Q752	2SC2712GRT5T	TRANSISTOR	1	[M]
Q753	2SB621ARTA	TRANSISTOR	1	[M]
Q801	2SB621ARTA	TRANSISTOR	1	[M]
Q802	2SC2785FETA	TRANSISTOR	1	[M]
Q803	2SD2395E	TRANSISTOR	1	[M] ⚠
Q804	KRC102MTA	TRANSISTOR	1	[M]
Q805	2SB1566E	TRANSISTOR	1	[M] ⚠
Q806	KRC102MTA	TRANSISTOR	1	[M]
Q809	2SC2785FETA	TRANSISTOR	1	[M]
Q810	2SB1566E	TRANSISTOR	1	[M] ⚠
Q811	2SC2785FETA	TRANSISTOR	1	[M]
Q812	2SB1238QRTV2	TRANSISTOR	1	[M] ⚠
Q813	2SC2785FETA	TRANSISTOR	1	[M]
Q814	2SB621ARTA	TRANSISTOR	1	[M] ⚠
Q815	2SD2144STA	TRANSISTOR	1	[M]
Q816	2SD2395E	TRANSISTOR	1	[M] ⚠
Q817	2SA1162GRT5T	TRANSISTOR	1	[M]
Q818	2SB1566E	TRANSISTOR	1	[M] ⚠
Q819	2SC2001KTA	TRANSISTOR	1	[M] ⚠
Q820	2SC3940AQSTA	TRANSISTOR	1	[M]
Q821	2SA1534AQRTA	TRANSISTOR	1	[M]
Q822	KRC102MTA	TRANSISTOR	1	[M]
Q823	2SC3940AQSTA	TRANSISTOR	1	[M] ⚠
Q850	2SC2712GRT5T	TRANSISTOR	1	[M]
Q901	2SC1740SLNST	TRANSISTOR	1	[M]
Q902	2SC1740SLNST	TRANSISTOR	1	[M]
Q903	2SC1740SLNST	TRANSISTOR	1	[M]
Q904	KRC104STA	TRANSISTOR	1	[M]
Q905	KRC104STA	TRANSISTOR	1	[M]
Q906	KRC104STA	TRANSISTOR	1	[M]
Q3081	2SB1218ATX	TRANSISTOR	1	[M]
Q3084	2SB1218ATX	TRANSISTOR	1	[M]
Q3501	UN5212TX	TRANSISTOR	1	[M]
Q4211	UN5212TX	TRANSISTOR	1	[M]
Q5201	2SB1115-T1	TRANSISTOR	1	[M]
Q6301	UN5212TX	TRANSISTOR	1	[M]
QR2001	UN5213TX	CHIP TRANSISTOR	1	[M]
QR5201	UN5212TX	CHIP TRANSISTOR	1	[M]

Ref. No.	Part No.	Part Name & Description	Pcs.	Remarks
QR5231	UN2121-TX	CHIP TRANSISTOR	1	[M]
		DIODES		
D102	1SS355TE17	DIODE	1	[M]
D103	1SS355TE17	DIODE	1	[M]
D105	1SS355TE17	DIODE	1	[M]
D106	1SS355TE17	DIODE	1	[M]
D109	1SS355TE17	DIODE	1	[M]
D110	1SS355TE17	DIODE	1	[M]
D111	1SS355TE17	DIODE	1	[M]
D112	1SS355TE17	DIODE	1	[M]
D113	1SS355TE17	DIODE	1	[M]
D114	1SS355TE17	DIODE	1	[M]
D118	T0TX178A	DIODE	1	[M]
D501	1SS380TE-17	DIODE	1	[M]
D502	1SS355TE17	DIODE	1	[M]
D504	1SS355TE17	DIODE	1	[M]
D506	1SS355TE17	DIODE	1	[M]
D507	1SS355TE17	DIODE	1	[M]
D601	UDZSTE178R2B	DIODE	1	[M]
D602	SPR325MVWT31	LED	1	[M]
D603	SLR325MCT31W	LED	1	[M]
D604	SLR325MCT31W	LED	1	[M]
D605	SLR325MCT31W	LED	1	[M]
D701	RL1N4003N02	DIODE	1	[M]
D702	RL1N4003N02	DIODE	1	[M]
D750	MA704ATX	DIODE	1	[M]
D751	MA704ATX	DIODE	1	[M]
D801	RL1N4003N02	DIODE	1	[M] ⚠
D806	1SS291TA	DIODE	1	[M]
D807	1SS291TA	DIODE	1	[M]
D808	RL1N4003N02	DIODE	1	[M]
D809	RVD1SS133TA	DIODE	1	[M]
D810	1N5402BM21	DIODE	1	[M] ⚠
D811	1N5402BM21	DIODE	1	[M] ⚠
D812	1N5402BM21	DIODE	1	[M] ⚠
D813	1N5402BM21	DIODE	1	[M] ⚠
D814	1N5402BM21	DIODE	1	[M] ⚠
D815	1N5402BM21	DIODE	1	[M] ⚠
D816	RL1N4003N02	DIODE	1	[M] ⚠
D817	UDZSTE178R2B	DIODE	1	[M]
D818	UDZTE1715B	DIODE	1	[M] ⚠
D819	RL1N4003N02	DIODE	1	[M]
D820	RL1N4003N02	DIODE	1	[M] ⚠
D821	RL1N4003N02	DIODE	1	[M]
D822	RL1N4003N02	DIODE	1	[M]
D823	RL1N4003N02	DIODE	1	[M]
D824	RL1N4003N02	DIODE	1	[M] ⚠
D825	RL1N4003N02	DIODE	1	[M] ⚠

Ref. No.	Part No.	Part Name & Description	Pcs.	Remarks
D826	RL1N4003N02	DIODE	1	[M] ⚠
D827	MTZJ10BTA	DIODE	1	[M] ⚠
D828	RVD1SS133TA	DIODE	1	[M]
D829	MTZJ9R1ATA	DIODE	1	[M] ⚠
D830	1SS355TE17	DIODE	1	[M]
D831	1SS355TE17	DIODE	1	[M]
D832	RL1N4003N02	DIODE	1	[M] ⚠
D833	RL1N4003N02	DIODE	1	[M] ⚠
D834	RL1N4003N02	DIODE	1	[M] ⚠
D835	RL1N4003N02	DIODE	1	[M] ⚠
D836	EK14LFH2K	DIODE	1	[M]
D837	RL1N4003N02	DIODE	1	[M]
D838	RL1N4003N02	DIODE	1	[M]
D841	RVD1SS133TA	DIODE	1	[M]
D842	RVD1SS133TA	DIODE	1	[M]
D843	RVD1SS133TA	DIODE	1	[M]
D844	RVD1SS133TA	DIODE	1	[M]
D845	RVD1SS133TA	DIODE	1	[M]
D846	RVD1SS133TA	DIODE	1	[M]
D847	RVD1SS133TA	DIODE	1	[M]
D848	RVD1SS133TA	DIODE	1	[M]
D849	RVD1SS133TA	DIODE	1	[M]
D850	UDZTE1724B	DIODE	1	[M] ⚠
D851	1SS355TE17	DIODE	1	[M]
D852	RL1N4003N02	DIODE	1	[M]
D860	RL1N4003N02	DIODE	1	[M]
D901	1SS355TE17	DIODE	1	[M]
D902	1SS355TE17	DIODE	1	[M]
D903	1SS355TE17	DIODE	1	[M]
D3091	MA111TX	DIODE	1	[M]
D4201	MA111TX	DIODE	1	[M]
D4202	ERJ6GEY0R00V	0 1/16W	1	[M]
D5231	ERJ3GEYJ180V	18 1/16W	1	[M]
D6001	MA728TX	DIODE	1	[M]
D6301	MA728TX	DIODE	1	[M]
D6551	MA111TX	DIODE	1	[M]
LB2001	VLP0323A601R	CHIP INDUCTOR	1	[M]
LB2002	VLP0323A601R	CHIP INDUCTOR	1	[M]
LB2003	VLP0323A601R	CHIP INDUCTOR	1	[M]
LB2004	VLP0323A601R	CHIP INDUCTOR	1	[M]
LB2005	VLP0323A601R	CHIP INDUCTOR	1	[M]
LB2006	VLP0323A601R	CHIP INDUCTOR	1	[M]
LB2007	VLP0323A601R	CHIP INDUCTOR	1	[M]
LB2008	VLP0323A601R	CHIP INDUCTOR	1	[M]
LB2009	VLP0323A601R	CHIP INDUCTOR	1	[M]
LB2010	VLP0323A601R	CHIP INDUCTOR	1	[M]
LB2011	VLP0323A601R	CHIP INDUCTOR	1	[M]
LB2012	VLP0323A601R	CHIP INDUCTOR	1	[M]
LB2013	VLP0323A601R	CHIP INDUCTOR	1	[M]
LB2014	VLP0323A601R	CHIP INDUCTOR	1	[M]

Ref. No.	Part No.	Part Name & Description	Pcs.	Remarks
LB2015	VLP0323A601R	CHIP INDUCTOR	1	[M]
LB2016	VLP0323A601R	CHIP INDUCTOR	1	[M]
LB2017	ERJ3GEYJ221V	220 1/16W	1	[M]
LB2018	ERJ3GEYJ221V	220 1/16W	1	[M]
LB2019	ERJ3GEYJ221V	220 1/16W	1	[M]
LB2020	ERJ3GEYJ221V	220 1/16W	1	[M]
LB2021	ERJ3GEYJ221V	220 1/16W	1	[M]
LB2022	VLP0323A601R	CHIP INDUCTOR	1	[M]
LB2023	VLP0323A601R	CHIP INDUCTOR	1	[M]
LB2024	VLP0323A601R	CHIP INDUCTOR	1	[M]
LB2025	VLP0323A601R	CHIP INDUCTOR	1	[M]
LB2026	VLP0323A601R	CHIP INDUCTOR	1	[M]
LB2027	VLP0323A601R	CHIP INDUCTOR	1	[M]
LB2028	VLP0323A601R	CHIP INDUCTOR	1	[M]
LB2501	VLP0323A601R	CHIP INDUCTOR	1	[M]
LB2502	VLP0323A601R	CHIP INDUCTOR	1	[M]
LB2503	VLP0323A601R	CHIP INDUCTOR	1	[M]
LB2504	VLP0323A601R	CHIP INDUCTOR	1	[M]
LB2505	VLP0323A601R	CHIP INDUCTOR	1	[M]
LB2506	VLP0323A601R	CHIP INDUCTOR	1	[M]
LB2507	VLP0323A601R	CHIP INDUCTOR	1	[M]
LB2508	VLP0323A601R	CHIP INDUCTOR	1	[M]
LB2509	JALBK2HS470T	47 500V	1	[M]
LB2510	JALBK2HS470T	47 500V	1	[M]
LB2511	JALBK2HS470T	47 500V	1	[M]
LB2512	VLP0323A601R	CHIP INDUCTOR	1	[M]
LB2513	JALBK2HS470T	47 500V	1	[M]
LB2514	JALBK2HS470T	47 500V	1	[M]
LB2515	JALBK2HS470T	47 500V	1	[M]
LB2516	JALBK2HS470T	47 500V	1	[M]
LB3501	VLP0323A601R	CHIP INDUCTOR	1	[M]
LB3502	VLP0323A601R	CHIP INDUCTOR	1	[M]
LB3503	VLP0323A601R	CHIP INDUCTOR	1	[M]
LB4011	VLP0323A601R	CHIP INDUCTOR	1	[M]
LB4012	VLP0323A601R	CHIP INDUCTOR	1	[M]
LB4013	VLP0323A601R	CHIP INDUCTOR	1	[M]
LB4014	VLP0323A601R	CHIP INDUCTOR	1	[M]
LB4015	VLP0323A601R	CHIP INDUCTOR	1	[M]
LB4016	VLP0323A601R	CHIP INDUCTOR	1	[M]
LB4017	VLP0323A601R	CHIP INDUCTOR	1	[M]
LB4018	VLP0323A601R	CHIP INDUCTOR	1	[M]
LB4019	VLP0323A601R	CHIP INDUCTOR	1	[M]
LB4020	VLP0323A601R	CHIP INDUCTOR	1	[M]
LB4022	VLP0323A601R	CHIP INDUCTOR	1	[M]
LB5201	VLP0323A601R	CHIP INDUCTOR	1	[M]
LB5202	VLP0323A601R	CHIP INDUCTOR	1	[M]
LB5203	JALBK2HS470T	47 500V	1	[M]
LB5204	VLP0323A601R	CHIP INDUCTOR	1	[M]
LB5205	VLP0323A601R	CHIP INDUCTOR	1	[M]
LB5206	VLP0323A601R	CHIP INDUCTOR	1	[M]
LB5207	VLP0323A601R	CHIP INDUCTOR	1	[M]
LB5208	VLP0323A601R	CHIP INDUCTOR	1	[M]
LB5209	VLP0323A601R	CHIP INDUCTOR	1	[M]
LB5210	VLP0323A601R	CHIP INDUCTOR	1	[M]

Ref. No.	Part No.	Part Name & Description	Pcs.	Remarks
LB5211	JALBK2HS470T	47 500V	1	[M]
LB5212	VLP0323A601R	CHIP INDUCTOR	1	[M]
LB5213	VLP0323A601R	CHIP INDUCTOR	1	[M]
LB5214	VLP0323A601R	CHIP INDUCTOR	1	[M]
LB5215	JALBK2HS470T	47 500V	1	[M]
LB5216	VLP0323A601R	CHIP INDUCTOR	1	[M]
LB5217	JALBK2HS470T	47 500V	1	[M]
LB5218	VLP0323A601R	CHIP INDUCTOR	1	[M]
LB6101	VLP0323A601R	CHIP INDUCTOR	1	[M]
LB6102	VLP0323A601R	CHIP INDUCTOR	1	[M]
LB6103	VLP0323A601R	CHIP INDUCTOR	1	[M]
LB6104	VLP0323A601R	CHIP INDUCTOR	1	[M]
LB6105	VLP0323A601R	CHIP INDUCTOR	1	[M]
LB6106	VLP0323A601R	CHIP INDUCTOR	1	[M]
LB6107	VLP0323A601R	CHIP INDUCTOR	1	[M]
LB6108	VLP0323A601R	CHIP INDUCTOR	1	[M]
LB6109	VLP0323A601R	CHIP INDUCTOR	1	[M]
LB6110	VLP0323A601R	CHIP INDUCTOR	1	[M]
LB6111	VLP0323A601R	CHIP INDUCTOR	1	[M]
LB6112	VLP0157-T	CHIP L	1	[M]
LB6201	VLP0155-T	CHIP BEAD	1	[M]
LB6501	VLP0323A601R	CHIP INDUCTOR	1	[M]
LB6502	VLP0155-T	CHIP BEAD	1	[M]
LB6503	VLP0155-T	CHIP BEAD	1	[M]
LB6504	VLP0323A601R	CHIP INDUCTOR	1	[M]
LB6505	VLP0155-T	CHIP BEAD	1	[M]
LB6506	VLP0323A601R	CHIP INDUCTOR	1	[M]
LB6507	VLP0155-T	CHIP BEAD	1	[M]
LB6521	VLP0155-T	CHIP BEAD	1	[M]
LB6522	VLP0323A601R	CHIP INDUCTOR	1	[M]
LB7101	VLP0323A601R	CHIP INDUCTOR	1	[M]
LB7102	VLP0323A601R	CHIP INDUCTOR	1	[M]
LB7103	VLP0323A601R	CHIP INDUCTOR	1	[M]
LB7104	VLP0323A601R	CHIP INDUCTOR	1	[M]
LB7105	VLP0323A601R	CHIP INDUCTOR	1	[M]
LB7106	VLP0323A601R	CHIP INDUCTOR	1	[M]
LB7107	VLP0323A601R	CHIP INDUCTOR	1	[M]
LB7108	VLP0155-T	CHIP BEAD	1	[M]
LB7109	VLP0155-T	CHIP BEAD	1	[M]
LB7110	VLP0155-T	CHIP BEAD	1	[M]
LB7111	VLP0155-T	CHIP BEAD	1	[M]
LB7112	VLP0155-T	CHIP BEAD	1	[M]
LB7113	VLP0155-T	CHIP BEAD	1	[M]
LB7114	VLP0155-T	CHIP BEAD	1	[M]
LB7115	VLP0155-T	CHIP BEAD	1	[M]
LB7116	VLP0155-T	CHIP BEAD	1	[M]
LB7117	VLP0155-T	CHIP BEAD	1	[M]
		SWITCHES		
S601	EVQ21405R	SW S.SURROUND SYSTEM	1	[M]
S602	EVQ21405R	SW CINEMA	1	[M]
S603	EVQ21405R	SW POWER	1	[M]
S604	EVQ21405R	SW CLOCK/TIMER	1	[M]

Ref. No.	Part No.	Part Name & Description	Pcs.	Remarks
S605	EVQ21405R	SW MEMORY	1	[M]
S606	EVQ21405R	SW CLOSE/OPEN	1	[M]
S607	EVQ21405R	SW VOLUME DOWN	1	[M]
S608	EVQ21405R	SW VOLUME UP	1	[M]
S609	EVQ21405R	SW PLAY	1	[M]
S610	EVQ21405R	SW FM MODE	1	[M]
S611	EVQ21405R	SW TUNE MODE	1	[M]
S612	EVQ21405R	SW REW	1	[M]
S613	EVQ21405R	SW FF	1	[M]
S614	EVQ21405R	SW TUNER/BAND	1	[M]
S615	EVQ21405R	SW AUX	1	[M]
S790	RSH1A005-1U	SW OPEN	1	[M]
S791	RSH1A005-1U	SW CLOSE	1	[M]
		CONNECTORS		
CN101	RJS2A5626	26P P1 FFC CONNECTOR	1	[M]
CN102	RJS2A5615	15P P1 FFC CONNECTOR	1	[M]
CN103A	RJS1A6826-J	CONNECTOR	1	[M]
CN103B	RJS1A6826-J	CONNECTOR	1	[M]
CN104	RJT100W11	11P CONNECTOR	1	[M]
CN105	RJP12G17ZA	HEAD CONNECTOR	1	[M]
CN450A	RJT057G12	12P P2 MQ CONNECTOR	1	[M]
CN450B	RJU057G12	12P P2 MQ CONNECTOR	1	[M]
CN501	RJP11G18ZA	CONNECTOR	1	[M]
CN580	RJP4G18ZA	SOCKET	1	[M]
CN601A	RJS1A6827-J	27P FFC CONNECTOR	1	[M]
CN601B	RJS1A6727-J	CONNECTOR	1	[M]
CN602A	RJS1A6827-J	27P FFC CONNECTOR	1	[M]
CN602B	RJS1A6727-J	CONNECTOR	1	[M]
CN650	RJP7G18ZA	7P CONNECTOR	1	[M]
CN701	RJT029W02V-1	SP CONNECTOR	1	[M]
CN750	RJP2G4YA	CONNECTOR	1	[M]
CN790	RJP6G18ZA	SOCKET	1	[M]
CN901A	RJU057G10	10P P2 MQ CONNECTOR	1	[M]
CN901B	RJT057G10	10P P2 MQ CONNECTOR	1	[M]
CN902A	RJU057G08	8P CONNECTOR	1	[M]
CN902B	RJT057G08	8P B-B CONNECTOR	1	[M]
CN903	RJT029W10V-1	CONNECTOR	1	[M]
CP790	RJP6G17ZA	CONNECTOR	1	[M]
PS6201	VJS2961C010	10P CONNECTOR	1	[M]
FP2501	RJS2A5017T	CONNECTOR	1	[M]
FP2513	RJS2A7520T	FMN CNNECTOR	1	[M]
FP2514	RJS2A0619T	FFC CONECTOR	1	[M]
FP3501	RJS2A7515T	FMN CNNECTOR	1	[M]
FP4201	RJS2A7526T	FMN CNNECTOR	1	[M]
FP5201	RJS2A0621T	FFC CONECTOR	1	[M]
FP6101	RJS2A7520T	FMN CNNECTOR	1	[M]
FP7101	RJS2A7519T	FMN CONNECTOR	1	[M]
P6251	RJS2A8212T	PH CONNECTOR	1	[M]

Ref. No.	Part No.	Part Name & Description	Pcs.	Remarks
		COILS & TRANSFORMERS		
L101	RLQB4R7KT-1Y	COIL	1	[M]
L501	RLL500050T-Y	RF CHOKE COIL	1	[M]
L502	RLL500050T-Y	RF CHOKE COIL	1	[M]
L650	RLL500050T-Y	RF CHOKE COIL	1	[M]
L651	RLL500050T-Y	RF CHOKE COIL	1	[M]
L652	BK1608HW601T	CHIP INDUCTOR	1	[M]GK
L653	BK1608HW601T	CHIP INDUCTOR	1	[M]GK
L654	BK1608HW601T	CHIP INDUCTOR	1	[M]GK
L655	BK1608HW601T	CHIP INDUCTOR	1	[M]GK
L656	BK1608HW601T	CHIP INDUCTOR	1	[M]GK
L701	RLQZB470KT-D	RF CHOKE COIL	1	[M]
L801	RLQZ371	LINE FILTER	1	[M] ⚠
L802	RLL500050T-Y	RF CHOKE COIL	1	[M]
L803	RLQX101M-T	COIL	1	[M]
L804	RLL500050T-Y	RF CHOKE COIL	1	[M]
L805	RLL500050T-Y	RF CHOKE COIL	1	[M]
L948	ZBF506D-00TA	COIL	1	[M]GK
L949	ZBF506D-00TA	COIL	1	[M]GK
L950	ZBF506D-00TA	COIL	1	[M]GK
L951	ZBF506D-00TA	COIL	1	[M]GK
L952	ZBF506D-00TA	COIL	1	[M]GK
L953	ZBF506D-00TA	COIL	1	[M]GK
L954	ZBF506D-00TA	COIL	1	[M]GK
L955	ZBF506D-00TA	COIL	1	[M]GK
L956	ZBF506D-00TA	COIL	1	[M]GK
L957	ZBF506D-00TA	COIL	1	[M]GK
L958	ZBF506D-00TA	COIL	1	[M]GK
L959	ZBF506D-00TA	COIL	1	[M]GK
L960	ZBF506D-00TA	COIL	1	[M]GK
L961	ZBF506D-00TA	COIL	1	[M]GK
L2001	RLQU100KT-W	CHIP COIL	1	[M]
L2002	RLQU100KT-W	CHIP COIL	1	[M]
L2003	RLQU100KT-W	CHIP COIL	1	[M]
L2501	ERJ14Y0R00H	0 1/4W	1	[M]
L3091	ELJEA100KF	CHIP INDUCTOR	1	[M]
L3501	ELJEA100KF	CHIP INDUCTOR	1	[M]
L4202	ELJEA100KF	CHIP INDUCTOR	1	[M]
L5201	RLQU100KT-W	CHIP COIL	1	[M]
L5202	RLQU100KT-W	CHIP COIL	1	[M]
L6201	ERJ14Y0R00H	0 1/4W	1	[M]
L6501	ELJFC220KF	CHIP INDUCTOR	1	[M]
L6502	ELJFC220KF	CHIP INDUCTOR	1	[M]
L7001	ELJEA100KF	CHIP INDUCTOR	1	[M]
L7002	ELJEA100KF	CHIP INDUCTOR	1	[M]
T1	RTP2N3E013	POWER TRANSFORMER	1	[M] ⚠
T2	RTP1H3E001	BACKUP TRANSFORMER	1	[M] ⚠
		COMPONENT COMBINATIO		

Ref. No.	Part No.	Part Name & Description	Pcs.	Remarks
Z101	RAN0004MM-1	TUNER PACK	1	[M]GCS
Z101	RAN0005EM-1	TUNER UNIT	1	[M]GK
Z580	A4GTRE000001	LAMP	1	[M]
Z581	A4GTRE000001	LAMP	1	[M]
Z582	A4GTRE000001	LAMP	1	[M]
Z601	RCDRPM6937V4	REMOTE SENSOR	1	[M]
Z801	ERZV10V511CS	ZENER	1	[M] ⚠
Z2001	ELKE103FA	CHIP INDUCTOR	1	[M]
Z2002	ELKE103FA	CHIP INDUCTOR	1	[M]
Z2003	ELKE103FA	CHIP INDUCTOR	1	[M]
Z2004	ELKE103FA	CHIP INDUCTOR	1	[M]
Z2005	ELKE103FA	CHIP INDUCTOR	1	[M]
Z3501	ELB4D565	VIDEO FILTER	1	[M]
		RELAY		
RL801	RSY0040M-0	PRIMARY RELAY	1	[M] ⚠
		OSCILLATORS		
X501	RSXZ8M00D01T	CERAMIC RESONATOR	1	[M]
X502	RSXD32K0C01	CERAMIC RESONATOR	1	[M]
X6501	VSX1044	CRYSTAL OSCILLATOR	1	[M]
		FILTER		
FL6011	VLF1491S104T	CHIP FILTER	1	[M]
FL6012	VLF1491S105T	CHIP FILTER	1	[M]
FL6014	VLF1491S105T	CHIP FILTER	1	[M]
FL6015	VLF1491S105T	CHIP FILTER	1	[M]
FL6016	VLF1491S105T	CHIP FILTER	1	[M]
FL6101	VLF1491S105T	CHIP FILTER	1	[M]
FL6102	VLF1491S105T	CHIP FILTER	1	[M]
FL6103	VLF1491S105T	CHIP FILTER	1	[M]
FL7101	VLF1491S104T	CHIP FILTER	1	[M]
		FUSES		
F1	K5D102BL0002	FUSE	1	[M]GK ⚠
F1	K5D801BL0003	FUSE	1	[M]GCS ⚠
		FUSE HOLDERS		
FC1	EYF52BC	FUSE HOLDER	1	[M]
FC2	EYF52BC	FUSE HOLDER	1	[M]
		LCD		
LCD601	RSL5259-G	LCD	1	[M]
		JACKS		
JK101	RJH2405N-2	JK RCA	1	[M]

Ref. No.	Part No.	Part Name & Description	Pcs.	Remarks
JK102	RJH8203N	JK VIDEO	1	[M]
JK103	RJH2110N-2	JK SUB-WOOFER	1	[M]
JK650	RJJ37TK07-X	JK MIC	1	[M]
JK651	RJJ37TK07-X	JK HP	1	[M]
JK801	SJS9236-J	JK AC INLET	1	[M] ⚠
JK901	RJH5603-4	JK SPEAKER TERMINAL	1	[M]
JK902	RJR0054K-J	JK SPEAKER TERMINAL	1	[M]
JK903	RJR0054K-J	JK SPEAKER TERMINAL	1	[M]
		WIRES		
W501	RMR0320	HOLDER	1	[M]
W580	REX1024	4P WIRE	1	[M]
W580	RMR0313	4P CABLE HOLDER	1	[M]
W650	REX1023	7P WIRE	1	[M]
W650	RMR0316	7P CABLE HOLDER	1	[M]
W903	RJS1A5510	WIRE HOLDER	1	[M]
		PACKING MATERIALS		
P1	RPG4966	PACKING CASE	1	[M]GCS
P1	RPG4968	PACKING CASE	1	[M]GK
P2	RPN1316	POLYFOAM	1	[M]
P3	RPF0293	MIRAMAT BAG	1	[M]
		ACCESSORIES		
A1	RAK-PM903WK	REMOTE CONTROL	1	[M]
A1-1	RKK0139-1H	R/C BATTERY COVER	1	[M]
A2	RJA0019-2K	AC CORD (SF)	1	[M]GCS ⚠
A2	RJA0055-1J	AC CORD	1	[M]GK ⚠
A3	RQT5379-B	O/I BOOK	1	[M]GCS
A3	RQT5383-K	O/I BOOK	1	[M]
A4	RSA0006-J	FM ANTENNA	1	[M]GCS
A4	RSA0007	FM ANTENEA	1	[M]GK
A5	RSA0032	AM LOOP ANTENNA	1	[M]
A6	RJL1P016B15A	VIDEO CABLE	1	[M]
A7	RFA0631A-K	SPEAKER LEG	1	[M]
		RESISTORS		
R1	ERJ3GEY0R00V	0 1/16W	1	[M]
R1	ERJ6GEY0R00V	0 1/10W	1	[M]
R2	ERJ3GEY0R00V	0 1/16W	1	[M]
R2	ERJ6GEY0R00V	0 1/10W	1	[M]
R3	ERJ3GEY0R00V	0 1/16W	1	[M]
R3	ERJ6GEY0R00V	0 1/10W	1	[M]
R4	ERJ3GEY0R00V	0 1/16W	1	[M]
R4	ERJ6GEY0R00V	0 1/10W	1	[M]
R5	ERJ3GEY0R00V	0 1/16W	1	[M]
R5	ERJ6GEY0R00V	0 1/10W	1	[M]
R6	ERJ3GEY0R00V	0 1/16W	1	[M]
R6	ERJ6GEY0R00V	0 1/10W	1	[M]

Ref. No.	Part No.	Part Name & Description	Pcs.	Remarks
R7	ERJ3GEY0R00V	0 1/16W	1	[M]
R7	ERJ6GEY0R00V	0 1/10W	1	[M]
R8	ERJ3GEY0R00V	0 1/16W	1	[M]
R8	ERJ6GEY0R00V	0 1/10W	1	[M]
R9	ERJ3GEY0R00V	0 1/16W	1	[M]
R9	ERJ6GEY0R00V	0 1/10W	1	[M]
R10	ERJ3GEY0R00V	0 1/16W	1	[M]
R10	ERJ6GEY0R00V	0 1/10W	1	[M]
R11	ERJ3GEY0R00V	0 1/16W	1	[M]
R11	ERJ6GEY0R00V	0 1/10W	1	[M]
R12	ERJ3GEY0R00V	0 1/16W	1	[M]
R12	ERJ6GEY0R00V	0 1/10W	1	[M]
R13	ERJ3GEY0R00V	0 1/16W	1	[M]
R13	ERJ6GEY0R00V	0 1/10W	1	[M]
R14	ERJ3GEY0R00V	0 1/16W	1	[M]
R15	ERJ3GEY0R00V	0 1/16W	1	[M]
R16	ERJ3GEY0R00V	0 1/16W	1	[M]
R17	ERJ3GEY0R00V	0 1/16W	1	[M]
R18	ERJ3GEY0R00V	0 1/16W	1	[M]
R19	ERJ3GEY0R00V	0 1/16W	1	[M]
R20	ERJ3GEY0R00V	0 1/16W	1	[M]
R21	ERJ3GEY0R00V	0 1/16W	1	[M]
R22	ERJ3GEY0R00V	0 1/16W	1	[M]
R23	ERJ3GEY0R00V	0 1/16W	1	[M]
R24	ERJ3GEY0R00V	0 1/16W	1	[M]
R25	ERJ3GEY0R00V	0 1/16W	1	[M]
R26	ERJ3GEY0R00V	0 1/16W	1	[M]
R27	ERJ3GEY0R00V	0 1/16W	1	[M]
R28	ERJ3GEY0R00V	0 1/16W	1	[M]
R29	ERJ3GEY0R00V	0 1/16W	1	[M]
R30	ERJ3GEY0R00V	0 1/16W	1	[M]
R31	ERJ3GEY0R00V	0 1/16W	1	[M]
R101	ERJ3GEYJ472V	4.7K 1/16W	1	[M]
R112	ERJ3GEYJ223V	22K 1/16W	1	[M]
R115	ERJ3GEYJ223V	22K 1/16W	1	[M]
R116	ERJ3GEYJ563V	56K 1/16W	1	[M]
R117	ERJ3GEYJ333V	33K 1/16W	1	[M]
R118	ERJ3GEYJ333V	33K 1/16W	1	[M]
R119	ERJ3GEYJ563V	56K 1/16W	1	[M]
R120	ERJ3GEYJ104V	100K 1/16W	1	[M]
R121	ERJ3GEYJ104V	100K 1/16W	1	[M]
R122	ERJ3GEYJ104V	100K 1/16W	1	[M]
R123	ERJ3GEYJ104V	100K 1/16W	1	[M]
R124	ERJ3GEYJ103V	10K 1/16W	1	[M]
R125	ERJ3GEYJ101V	100 1/16W	1	[M]
R126	ERJ3GEYJ223V	22K 1/16W	1	[M]
R127	ERJ3GEYJ103V	10K 1/16W	1	[M]
R128	ERJ3GEYJ103V	10K 1/16W	1	[M]
R129	ERJ3GEYJ103V	10K 1/16W	1	[M]
R130	ERJ3GEYJ103V	10K 1/16W	1	[M]
R131	ERJ3GEYJ103V	10K 1/16W	1	[M]
R132	ERJ3GEYJ223V	22K 1/16W	1	[M]
R133	ERJ3GEYJ223V	22K 1/16W	1	[M]
R134	ERJ3GEYJ223V	22K 1/16W	1	[M]

Ref. No.	Part No.	Part Name & Description	Pcs.	Remarks
R135	ERJ3GEYJ223V	22K 1/16W	1	[M]
R136	ERJ3GEYJ103V	10K 1/16W	1	[M]
R137	ERJ3GEYJ473V	47K 1/16W	1	[M]
R138	ERJ3GEYJ223V	22K 1/16W	1	[M]
R139	ERJ3GEYJ563V	56K 1/16W	1	[M]
R140	ERJ3GEYJ101V	100 1/16W	1	[M]
R141	ERJ3GEYJ471V	470 1/16W	1	[M]
R142	ERJ3GEYJ104V	100K 1/16W	1	[M]
R143	ERJ3GEYJ104V	100K 1/16W	1	[M]
R145	ERJ3GEYJ102V	1K 1/16W	1	[M]
R146	ERJ3GEYJ102V	1K 1/16W	1	[M]
R147	ERJ3GEYJ103V	10K 1/16W	1	[M]
R148	ERJ3GEYJ102V	1K 1/16W	1	[M]
R149	ERJ3GEYJ223V	22K 1/16W	1	[M]
R150	ERJ3GEYJ223V	22K 1/16W	1	[M]
R151	ERJ3GEYJ103V	10K 1/16W	1	[M]
R152	ERJ3GEYJ103V	10K 1/16W	1	[M]
R153	ERJ3GEYJ103V	10K 1/16W	1	[M]
R154	ERJ3GEYJ102V	1K 1/16W	1	[M]
R155	ERJ3GEYJ472V	4.7K 1/16W	1	[M]
R156	ERJ3GEYJ153V	15K 1/16W	1	[M]
R157	ERJ3GEYJ102V	1K 1/16W	1	[M]
R158	ERJ3GEYJ102V	1K 1/16W	1	[M]
R159	ERJ3GEYJ102V	1K 1/16W	1	[M]
R160	ERJ3GEYJ102V	1K 1/16W	1	[M]
R161	ERJ3GEYJ102V	1K 1/16W	1	[M]
R162	ERJ3GEYJ102V	1K 1/16W	1	[M]
R163	ERJ3GEYJ102V	1K 1/16W	1	[M]
R164	ERJ3GEYJ102V	1K 1/16W	1	[M]
R165	ERJ3GEYJ102V	1K 1/16W	1	[M]
R166	ERJ3GEYJ102V	1K 1/16W	1	[M]
R167	ERJ3GEYJ104V	100K 1/16W	1	[M]
R168	ERJ3GEYJ104V	100K 1/16W	1	[M]
R169	ERJ3GEYJ104V	100K 1/16W	1	[M]
R170	ERJ3GEYJ104V	100K 1/16W	1	[M]
R171	ERJ3GEYJ104V	100K 1/16W	1	[M]
R172	ERJ3GEYJ104V	100K 1/16W	1	[M]
R173	ERJ3GEYJ104V	100K 1/16W	1	[M]
R174	ERJ3GEYJ104V	100K 1/16W	1	[M]
R182	ERJ3GEYJ104V	100K 1/16W	1	[M]
R183	ERJ3GEYJ104V	100K 1/16W	1	[M]
R184	ERJ3GEYJ104V	100K 1/16W	1	[M]
R201	ERJ3GEYJ120V	12 1/16W	1	[M]
R202	ERJ3GEYJ102V	1K 1/16W	1	[M]
R203	ERJ3GEYJ102V	1K 1/16W	1	[M]
R204	ERJ3GEYJ102V	1K 1/16W	1	[M]
R205	ERJ3GEYJ102V	1K 1/16W	1	[M]
R206	ERJ3GEYJ102V	1K 1/16W	1	[M]
R207	ERJ3GEYJ102V	1K 1/16W	1	[M]
R208	ERJ3GEYJ102V	1K 1/16W	1	[M]
R209	ERJ3GEYJ472V	4.7K 1/16W	1	[M]
R210	ERJ3GEYJ121V	120 1/16W	1	[M]
R211	ERJ3GEYJ121V	120 1/16W	1	[M]
R212	ERJ3GEYJ121V	120 1/16W	1	[M]

Ref. No.	Part No.	Part Name & Description	Pcs.	Remarks
R213	ERJ3GEYJ101V	100 1/16W	1	[M]
R214	ERJ3GEYJ101V	100 1/16W	1	[M]
R215	ERJ3GEYJ101V	100 1/16W	1	[M]
R216	ERJ3GEYJ102V	1K 1/16W	1	[M]
R217	ERJ3GEYJ104V	100K 1/16W	1	[M]
R218	ERJ3GEYJ104V	100K 1/16W	1	[M]
R219	ERJ3GEYJ104V	100K 1/16W	1	[M]
R220	ERJ3GEYJ104V	100K 1/16W	1	[M]
R221	ERJ3GEYJ104V	100K 1/16W	1	[M]
R222	ERJ3GEYJ104V	100K 1/16W	1	[M]
R223	ERJ3GEYJ103V	10K 1/16W	1	[M]
R224	ERJ3GEYJ472V	4.7K 1/16W	1	[M]
R225	ERJ3GEYJ563V	56K 1/16W	1	[M]
R226	ERJ3GEYJ563V	56K 1/16W	1	[M]
R227	ERJ3GEYJ474V	470K 1/16W	1	[M]
R228	ERJ3GEYJ474V	470K 1/16W	1	[M]
R229	ERJ3GEYJ474V	470K 1/16W	1	[M]
R230	ERJ3GEYJ103V	10K 1/16W	1	[M]
R231	ERJ3GEYJ682V	6.8K 1/16W	1	[M]
R232	ERJ3GEYJ100V	10 1/16W	1	[M]
R233	ERJ3GEYJ153V	15K 1/16W	1	[M]
R234	ERJ3GEYJ153V	15K 1/16W	1	[M]
R235	ERJ3GEYJ123V	12K 1/16W	1	[M]
R236	ERJ3GEYJ123V	12K 1/16W	1	[M]
R237	ERJ3GEYJ473V	47K 1/16W	1	[M]
R238	ERJ3GEYJ102V	1K 1/16W	1	[M]
R239	ERJ3GEYJ102V	1K 1/16W	1	[M]
R240	ERJ3GEYJ102V	1K 1/16W	1	[M]
R241	ERJ3GEYJ123V	12K 1/16W	1	[M]
R242	ERJ3GEYJ561V	560 1/16W	1	[M]
R243	ERJ3GEYJ102V	1K 1/16W	1	[M]
R244	ERJ3GEYJ332V	3.3K 1/16W	1	[M]
R245	ERJ3GEYJ683V	68K 1/16W	1	[M]
R246	ERJ3GEYJ273V	27K 1/16W	1	[M]
R247	ERJ3GEYJ822V	8.2K 1/16W	1	[M]
R248	ERJ3GEYJ473V	47K 1/16W	1	[M]
R249	ERJ3GEYJ102V	1K 1/16W	1	[M]
R250	ERJ3GEYJ222V	2.2K 1/16W	1	[M]
R254	ERJ3GEYJ222V	2.2K 1/16W	1	[M]
R255	ERJ3GEYJ563V	56K 1/16W	1	[M]
R256	ERJ3GEYJ561V	560 1/16W	1	[M]
R257	ERJ3GEYJ222V	2.2K 1/16W	1	[M]
R258	ERJ3GEYJ104V	100K 1/16W	1	[M]
R259	ERJ3GEYJ104V	100K 1/16W	1	[M]
R260	ERJ3GEYJ102V	1K 1/16W	1	[M]
R261	ERJ3GEYJ222V	2.2K 1/16W	1	[M]
R262	ERJ3GEYJ153V	15K 1/16W	1	[M]
R263	ERJ3GEYJ563V	56K 1/16W	1	[M]
R264	ERJ3GEYJ103V	10K 1/16W	1	[M]
R265	ERJ3GEYJ103V	10K 1/16W	1	[M]
R266	ERJ3GEYJ222V	2.2K 1/16W	1	[M]
R267	ERJ3GEYJ220V	22 1/16W	1	[M]
R268	ERJ3GEYJ153V	15K 1/16W	1	[M]
R270	ERJ3GEYJ123V	12K 1/16W	1	[M]

Ref. No.	Part No.	Part Name & Description	Pcs.	Remarks
R272	ERJ3GEYJ123V	12K 1/16W	1	[M]
R273	ERJ3GEYJ223V	22K 1/16W	1	[M]
R274	ERJ3GEYJ222V	2.2K 1/16W	1	[M]
R275	ERJ3GEYJ102V	1K 1/16W	1	[M]
R276	ERJ3GEYJ393V	39K 1/16W	1	[M]
R281	ERJ3GEYJ472V	4.7K 1/16W	1	[M]
R283	ERJ3GEYJ273V	27K 1/16W	1	[M]
R284	ERJ3GEYJ273V	27K 1/16W	1	[M]
R285	ERJ3GEYJ223V	22K 1/16W	1	[M]
R286	ERJ3GEYJ102V	1K 1/16W	1	[M]
R289	ERJ3GEYJ393V	39K 1/16W	1	[M]
R290	ERJ3GEYJ223V	22K 1/16W	1	[M]
R291	ERJ3GEYJ102V	1K 1/16W	1	[M]
R292	ERJ3GEYJ473V	47K 1/16W	1	[M]
R294	ERJ3GEYJ223V	22K 1/16W	1	[M]
R295	ERJ3GEYJ100V	10 1/16W	1	[M]
R296	ERJ3GEYJ100V	10 1/16W	1	[M]
R297	ERJ3GEYJ102V	1K 1/16W	1	[M]
R299	ERJ3GEYJ102V	1K 1/16W	1	[M]
R300	ERJ3GEYJ102V	1K 1/16W	1	[M]
R301	ERJ3GEYJ102V	1K 1/16W	1	[M]
R304	ERJ3GEYJ152V	1.5K 1/16W	1	[M]
R305	ERJ3GEYJ102V	1K 1/16W	1	[M]
R306	ERJ3GEYJ102V	1K 1/16W	1	[M]
R307	ERJ3GEYJ104V	100K 1/16W	1	[M]
R308	ERJ3GEYJ102V	1K 1/16W	1	[M]
R309	ERJ3GEYJ473V	47K 1/16W	1	[M]
R310	ERJ3GEYJ104V	100K 1/16W	1	[M]
R311	ERJ3GEYJ333V	33K 1/16W	1	[M]
R312	ERJ3GEYJ104V	100K 1/16W	1	[M]
R313	ERJ3GEYJ473V	47K 1/16W	1	[M]
R314	ERJ3GEYJ392V	3.9K 1/16W	1	[M]
R315	ERJ3GEYJ473V	47K 1/16W	1	[M]
R320	ERJ3GEYJ223V	22K 1/16W	1	[M]
R321	ERJ3GEYJ104V	100K 1/16W	1	[M]
R322	ERJ3GEYJ104V	100K 1/16W	1	[M]
R324	ERJ3GEYJ104V	100K 1/16W	1	[M]
R325	ERJ3GEYJ104V	100K 1/16W	1	[M]
R328	ERJ3GEYJ473V	47K 1/16W	1	[M]
R329	ERJ3GEYJ473V	47K 1/16W	1	[M]
R330	ERJ3GEYJ473V	47K 1/16W	1	[M]
R334	ERJ3GEYJ223V	22K 1/16W	1	[M]
R341	ERJ3GEYJ473V	47K 1/16W	1	[M]
R342	ERJ3GEYJ104V	100K 1/16W	1	[M]
R343	ERJ3GEYJ152V	1.5K 1/16W	1	[M]
R350	ERJ3GEYJ103V	10K 1/16W	1	[M]
R351	ERJ3GEYJ223V	22K 1/16W	1	[M]
R354	ERJ3GEYJ472V	4.7K 1/16W	1	[M]
R355	ERJ3GEYJ223V	22K 1/16W	1	[M]
R356	ERJ3GEYJ103V	10K 1/16W	1	[M]
R357	ERJ3GEYJ472V	4.7K 1/16W	1	[M]
R358	ERJ3GEYJ472V	4.7K 1/16W	1	[M]
R363	ERJ3GEYJ104V	100K 1/16W	1	[M]
R364	ERJ3GEYJ104V	100K 1/16W	1	[M]

Ref. No.	Part No.	Part Name & Description	Pcs.	Remarks
R365	ERJ3GEYJ472V	4.7K 1/16W	1	[M]
R376	ERJ3GEYJ102V	1K 1/16W	1	[M]
R377	ERJ3GEYJ102V	1K 1/16W	1	[M]
R381	ERJ3GEYJ102V	1K 1/16W	1	[M]
R389	ERJ3GEYJ102V	1K 1/16W	1	[M]
R390	ERJ3GEYJ103V	10K 1/16W	1	[M]
R391	ERJ3GEYJ103V	10K 1/16W	1	[M]
R392	ERJ3GEYJ563V	56K 1/16W	1	[M]
R393	ERJ3GEYJ563V	56K 1/16W	1	[M]
R400	ERJ3GEYJ472V	4.7K 1/16W	1	[M]
R401	ERJ3GEYJ152V	1.5K 1/16W	1	[M]
R402	ERJ3GEYJ152V	1.5K 1/16W	1	[M]
R403	ERJ3GEYJ183V	18K 1/16W	1	[M]
R404	ERJ3GEYJ183V	18K 1/16W	1	[M]
R405	ERJ3GEYJ102V	1K 1/16W	1	[M]
R406	ERJ3GEYJ102V	1K 1/16W	1	[M]
R407	ERJ3GEYJ223V	22K 1/16W	1	[M]
R408	ERJ3GEYJ223V	22K 1/16W	1	[M]
R409	ERJ3GEYJ471V	470 1/16W	1	[M]
R410	ERJ3GEYJ123V	12K 1/16W	1	[M]
R411	ERJ3GEYJ123V	12K 1/16W	1	[M]
R412	ERJ3GEYJ471V	470 1/16W	1	[M]
R413	ERJ3GEYJ104V	100K 1/16W	1	[M]
R414	ERJ3GEYJ104V	100K 1/16W	1	[M]
R415	ERJ3GEYJ1R0V	1 1/16W	1	[M]
R416	ERJ3GEYJ1R0V	1 1/16W	1	[M]
R417	ERJ3GEYJ1R0V	1 1/16W	1	[M]
R418	ERJ3GEYJ221V	220 1/16W	1	[M]
R419	ERJ3GEYJ103V	10K 1/16W	1	[M]
R420	ERJ3GEYJ1R0V	1 1/16W	1	[M]
R450	ERJ3GEYJ103V	10K 1/16W	1	[M]
R451	ERJ3GEYJ103V	10K 1/16W	1	[M]
R453	ERJ3GEYJ332V	3.3K 1/16W	1	[M]
R454	ERJ3GEYJ682V	6.8K 1/16W	1	[M]
R455	ERJ3GEYJ102V	1K 1/16W	1	[M]
R456	ERJ3GEYJ473V	47K 1/16W	1	[M]
R457	ERJ3GEYJ563V	56K 1/16W	1	[M]
R458	ERJ3GEYJ333V	33K 1/16W	1	[M]
R459	ERJ3GEYJ334V	330K 1/16W	1	[M]
R460	ERJ3GEYJ334V	330K 1/16W	1	[M]
R462	ERJ3GEYJ334V	330K 1/16W	1	[M]
R463	ERJ3GEYJ102V	1K 1/16W	1	[M]
R464	ERJ3GEYJ334V	330K 1/16W	1	[M]
R465	ERJ3GEYJ102V	1K 1/16W	1	[M]
R467	ERJ3GEYJ102V	1K 1/16W	1	[M]
R468	ERJ3GEYJ101V	100 1/16W	1	[M]
R469	ERJ3GEYJ101V	100 1/16W	1	[M]
R471	ERDS1FVJ2R2T	2.2 1/2W	1	[M]
R500	ERJ3GEY0R00V	0 1/16W	1	[M]
R501	ERJ3GEYJ101V	100 1/16W	1	[M]
R502	ERJ3GEYJ104V	100K 1/16W	1	[M]
R503	ERJ3GEYJ153V	15K 1/16W	1	[M]
R505	ERJ3GEYJ103V	10K 1/16W	1	[M]
R507	ERJ3GEYJ104V	100K 1/16W	1	[M]

Ref. No.	Part No.	Part Name & Description	Pcs.	Remarks
R508	ERJ3GEYJ104V	100K 1/16W	1	[M]
R509	ERJ3GEYJ104V	100K 1/16W	1	[M]
R511	ERJ3GEYJ104V	100K 1/16W	1	[M]
R513	ERJ3GEYJ101V	100 1/16W	1	[M]
R514	ERJ3GEYJ105V	1M 1/16W	1	[M]
R518	ERJ3GEYJ334V	330K 1/16W	1	[M]
R519	ERJ3GEYJ101V	100 1/16W	1	[M]
R521	ERJ3GEYJ101V	100 1/16W	1	[M]
R522	ERJ3GEYJ101V	100 1/16W	1	[M]
R523	ERJ3GEYJ101V	100 1/16W	1	[M]
R524	ERJ3GEYJ101V	100 1/16W	1	[M]
R525	ERJ3GEYJ101V	100 1/16W	1	[M]
R526	ERJ3GEYJ101V	100 1/16W	1	[M]
R527	ERJ3GEYJ103V	10K 1/16W	1	[M]
R528	ERJ3GEYJ101V	100 1/16W	1	[M]
R529	ERJ3GEYJ101V	100 1/16W	1	[M]
R530	ERJ3GEYJ224V	220K 1/16W	1	[M]
R531	ERJ3GEYJ101V	100 1/16W	1	[M]
R532	ERJ3GEYJ103V	10K 1/16W	1	[M]
R533	ERJ3GEYJ101V	100 1/16W	1	[M]
R534	ERJ3GEYJ153V	15K 1/16W	1	[M]GCS
R534	ERJ3GEYJ333V	33K 1/16W	1	[M]GK
R535	ERJ3GEYJ103V	10K 1/16W	1	[M]
R536	ERJ3GEYJ101V	100 1/16W	1	[M]
R537	ERJ3GEYJ101V	100 1/16W	1	[M]
R538	ERJ3GEYJ101V	100 1/16W	1	[M]
R539	ERJ3GEYJ101V	100 1/16W	1	[M]
R540	ERJ3GEYJ223V	22K 1/16W	1	[M]
R541	ERJ3GEYJ102V	1K 1/16W	1	[M]
R542	ERJ3GEYJ101V	100 1/16W	1	[M]
R543	ERJ3GEYJ101V	100 1/16W	1	[M]
R544	ERJ3GEYJ102V	1K 1/16W	1	[M]
R545	ERJ3GEYJ101V	100 1/16W	1	[M]
R546	ERJ3GEYJ102V	1K 1/16W	1	[M]
R547	ERJ3GEYJ101V	100 1/16W	1	[M]
R548	ERJ3GEYJ101V	100 1/16W	1	[M]
R549	ERJ3GEYJ101V	100 1/16W	1	[M]
R550	ERJ3GEYJ102V	1K 1/16W	1	[M]
R551	ERJ3GEYJ102V	1K 1/16W	1	[M]
R552	ERJ3GEYJ102V	1K 1/16W	1	[M]
R553	ERJ3GEYJ102V	1K 1/16W	1	[M]
R554	ERJ3GEYJ101V	100 1/16W	1	[M]
R555	ERJ3GEYJ104V	100K 1/16W	1	[M]
R556	ERJ3GEYJ102V	1K 1/16W	1	[M]
R557	ERJ3GEYJ102V	1K 1/16W	1	[M]
R558	ERJ3GEYJ391V	390 1/16W	1	[M]
R559	ERJ3GEYJ391V	390 1/16W	1	[M]
R560	ERJ3GEYJ471V	470 1/16W	1	[M]
R561	ERJ3GEYJ102V	1K 1/16W	1	[M]
R562	ERJ3GEYJ102V	1K 1/16W	1	[M]
R563	ERJ3GEYJ104V	100K 1/16W	1	[M]
R564	ERJ3GEYJ472V	4.7K 1/16W	1	[M]
R565	ERJ3GEYJ472V	4.7K 1/16W	1	[M]
R566	ERJ3GEYJ223V	22K 1/16W	1	[M]

Ref. No.	Part No.	Part Name & Description	Pcs.	Remarks
R567	ERJ3GEYJ152V	1.5K 1/16W	1	[M]
R568	ERJ3GEYJ102V	1K 1/16W	1	[M]
R569	ERJ3GEYJ223V	22K 1/16W	1	[M]
R570	ERJ3GEYJ223V	22K 1/16W	1	[M]
R571	ERJ3GEYJ473V	47K 1/16W	1	[M]
R572	ERJ3GEYJ104V	100K 1/16W	1	[M]
R573	ERJ3GEYJ472V	4.7K 1/16W	1	[M]
R574	ERJ3GEYJ274V	270K 1/16W	1	[M]
R575	ERJ3GEYJ683V	68K 1/16W	1	[M]
R576	ERJ3GEYJ472V	4.7K 1/16W	1	[M]
R577	ERJ3GEYJ274V	270K 1/16W	1	[M]
R578	ERJ3GEYJ101V	100 1/16W	1	[M]
R579	ERJ3GEYJ273V	27K 1/16W	1	[M]
R580	ERJ3GEYJ221V	220 1/16W	1	[M]
R581	ERJ3GEYJ221V	220 1/16W	1	[M]
R582	ERJ3GEYJ271V	270 1/16W	1	[M]
R583	ERJ3GEYJ271V	270 1/16W	1	[M]
R584	ERJ3GEYJ271V	270 1/16W	1	[M]
R585	ERJ3GEYJ271V	270 1/16W	1	[M]
R586	ERJ3GEYJ221V	220 1/16W	1	[M]
R587	ERJ3GEYJ271V	270 1/16W	1	[M]
R588	ERJ3GEYJ271V	270 1/16W	1	[M]
R589	ERJ3GEYJ271V	270 1/16W	1	[M]
R590	ERJ3GEYJ271V	270 1/16W	1	[M]
R592	ERJ3GEYJ271V	270 1/16W	1	[M]
R601	ERJ3GEYJ331V	330 1/16W	1	[M]
R602	ERJ3GEYJ331V	330 1/16W	1	[M]
R603	ERJ3GEYJ183V	18K 1/16W	1	[M]
R604	ERJ3GEYJ103V	10K 1/16W	1	[M]
R605	ERJ3GEYJ682V	6.8K 1/16W	1	[M]
R606	ERJ3GEYJ392V	3.9K 1/16W	1	[M]
R607	ERJ3GEYJ272V	2.7K 1/16W	1	[M]
R608	ERJ3GEYJ222V	2.2K 1/16W	1	[M]
R609	ERJ3GEYJ182V	1.8K 1/16W	1	[M]
R610	ERJ3GEYJ122V	1.2K 1/16W	1	[M]
R611	ERJ3GEYJ103V	10K 1/16W	1	[M]
R612	ERJ3GEYJ103V	10K 1/16W	1	[M]
R613	ERJ3GEYJ682V	6.8K 1/16W	1	[M]
R614	ERJ3GEYJ392V	3.9K 1/16W	1	[M]
R615	ERJ3GEYJ272V	2.7K 1/16W	1	[M]
R616	ERJ3GEYJ222V	2.2K 1/16W	1	[M]
R617	ERJ3GEYJ182V	1.8K 1/16W	1	[M]
R618	ERJ3GEYJ122V	1.2K 1/16W	1	[M]
R619	ERJ3GEYJ103V	10K 1/16W	1	[M]
R620	ERJ3GEYJ101V	100 1/16W	1	[M]
R650	ERJ3GEYJ101V	100 1/16W	1	[M]
R651	ERJ3GEYJ101V	100 1/16W	1	[M]
R652	ERJ3GEYJ101V	100 1/16W	1	[M]
R655	ERJ3GEYJ103V	10K 1/16W	1	[M]
R656	ERJ3GEYJ103V	10K 1/16W	1	[M]
R750	ERJ3GEYJ563V	56K 1/16W	1	[M]
R751	ERDS1FVJ180T	18 1/2W	1	[M] ⚠
R752	ERJ3GEYJ824V	820K 1/16W	1	[M]
R753	ERJ3GEYJ824V	820K 1/16W	1	[M]

Ref. No.	Part No.	Part Name & Description	Pcs.	Remarks
R754	ERJ3GEYJ103V	10K 1/16W	1	[M]
R755	ERJ3GEYJ224V	220K 1/16W	1	[M]
R756	ERJ3GEYJ101V	100 1/16W	1	[M]
R757	ERJ3GEYJ562V	5.6K 1/16W	1	[M]
R758	ERJ3GEYJ103V	10K 1/16W	1	[M]
R759	ERJ3GEYJ472V	4.7K 1/16W	1	[M]
R760	ERJ3GEYJ563V	56K 1/16W	1	[M]
R761	ERJ3GEYJ103V	10K 1/16W	1	[M]
R802	ERDS2TJ223T	22K 1/4W	1	[M]
R803	ERDS2TJ223T	22K 1/4W	1	[M]
R804	ERDS2TJ221T	220 1/4W	1	[M]
R805	ERDS2TJ123T	12K 1/4W	1	[M]
R806	ERDS2TJ104T	100K 1/4W	1	[M]
R807	ERDS2TJ103T	10K 1/4W	1	[M]
R808	ERDS2TJ473T	47K 1/4W	1	[M]
R809	ERDS2TJ472T	4.7K 1/4W	1	[M]
R810	RSFMB40KT-L	FUSE PROTECTOR	1	[M] ⚠
R811	RSFMB50KT-L	PROTECTOR	1	[M] ⚠
R812	ERDS2TJ102T	1K 1/4W	1	[M]
R813	ERDS2TJ101T	100 1/4W	1	[M]
R814	ERDS2TJ681T	680 1/4W	1	[M]
R815	ERDS1FVJ100T	10 1/2W	1	[M] ⚠
R816	ERDS2TJ471T	470 1/4W	1	[M]
R817	RSFMB50KT-L	PROTECTOR	1	[M] ⚠
R818	ERDS2TJ331T	330 1/4W	1	[M]
R819	ERDS2TJ102T	1K 1/4W	1	[M]
R820	ERDS1FVJ1R0T	1 1/2W	1	[M] ⚠
R821	ERDS1FVJ1R0T	1 1/2W	1	[M] ⚠
R822	RSFMB50KT-L	PROTECTOR	1	[M] ⚠
R824	ERDS2TJ222T	2.2K 1/4W	1	[M]
R825	ERDS2TJ222T	2.2K 1/4W	1	[M]
R826	ERDS2TJ221T	220 1/4W	1	[M]
R827	ERDS2TJ334T	330K 1/4W	1	[M]
R828	ERDS2TJ272T	2.7K 1/4W	1	[M]
R829	ERDS2TJ681T	680 1/4W	1	[M]
R830	ERDS2TJ334T	330K 1/4W	1	[M]
R831	ERDS2TJ272T	2.7K 1/4W	1	[M]
R832	ERDS2TJ681T	680 1/4W	1	[M]
R833	ERDS1FVJ100T	10 1/2W	1	[M] ⚠
R834	ERDS1FVJ100T	10 1/2W	1	[M] ⚠
R835	ERJ3GEYJ562V	5.6K 1/16W	1	[M]
R836	ERJ3GEYJ152V	1.5K 1/16W	1	[M]
R837	ERJ3GEYJ750V	75 1/16W	1	[M]
R838	ERJ3GEYJ102V	1K 1/16W	1	[M]
R839	ERJ3GEYJ562V	5.6K 1/16W	1	[M]
R840	ERJ3GEYJ102V	1K 1/16W	1	[M]
R841	ERDS1FVJ100T	10 1/2W	1	[M] ⚠
R842	ERDS1FVJ100T	10 1/2W	1	[M] ⚠
R843	ERDS1FVJ100T	10 1/2W	1	[M] ⚠
R844	ERDS1FVJ470T	47 1/2W	1	[M] ⚠

Ref. No.	Part No.	Part Name & Description	Pcs.	Remarks
R845	ERDS1FVJ470T	47 1/2W	1	[M] ⚠
R846	ERDS1FVJ470T	47 1/2W	1	[M] ⚠
R847	ERJ3GEYJ821V	820 1/16W	1	[M]
R848	ERJ3GEYJ101V	100 1/16W	1	[M]
R849	ERJ3GEYJ102V	1K 1/16W	1	[M]
R850	ERDS1FVJ330T	33 1/2W	1	[M] ⚠
R851	ERDS1FVJ330T	33 1/2W	1	[M] ⚠
R852	ERJ3GEYJ681V	680 1/16W	1	[M]
R853	ERJ3GEYJ101V	100 1/16W	1	[M]
R854	ERJ3GEYJ223V	22K 1/16W	1	[M]
R855	ERDS1FVJ1R0T	1 1/2W	1	[M] ⚠
R856	ERJ3GEYJ103V	10K 1/16W	1	[M]
R857	ERJ3GEYJ391V	390 1/16W	1	[M]
R858	ERDS2TJ102T	1K 1/4W	1	[M]
R859	ERDS2TJ101T	100 1/4W	1	[M]
R860	ERDS1FVJ220T	22 1/2W	1	[M] ⚠
R861	ERDS2TJ104T	100K 1/4W	1	[M]
R862	ERDS2TJ101T	100 1/4W	1	[M]
R863	ERJ3GEYJ681V	680 1/16W	1	[M]
R864	ERDS1FVJ220T	22 1/2W	1	[M] ⚠
R865	ERDS2TJ273T	27K 1/4W	1	[M]
R866	ERX1SJ1R5E	1.5 1W	1	[M]
R867	ERJ3GEYJ152V	1.5K 1/16W	1	[M]
R868	ERJ3GEYJ750V	75 1/16W	1	[M]
R869	ERJ3GEYJ102V	1K 1/16W	1	[M]
R870	ERJ3GEYJ821V	820 1/16W	1	[M]
R871	ERJ3GEYJ821V	820 1/16W	1	[M]
R872	ERJ3GEYJ1R0V	1 1/16W	1	[M]
R873	ERJ3GEYJ1R0V	1 1/16W	1	[M]
R874	ERJ3GEYJ103V	10K 1/16W	1	[M]
R901	ERJ3GEYJ473V	47K 1/16W	1	[M]
R902	ERJ3GEYJ473V	47K 1/16W	1	[M]
R903	ERJ3GEYJ472V	4.7K 1/16W	1	[M]
R904	ERJ3GEYJ472V	4.7K 1/16W	1	[M]
R905	ERJ3GEYJ472V	4.7K 1/16W	1	[M]
R906	ERJ3GEYJ472V	4.7K 1/16W	1	[M]
R907	ERJ3GEYJ472V	4.7K 1/16W	1	[M]
R908	ERJ3GEYJ472V	4.7K 1/16W	1	[M]
R909	ERJ3GEYJ153V	15K 1/16W	1	[M]
R910	ERJ3GEYJ472V	4.7K 1/16W	1	[M]
R911	ERJ3GEYJ393V	39K 1/16W	1	[M]
R912	ERJ3GEYJ393V	39K 1/16W	1	[M]
R913	ERJ3GEYJ153V	15K 1/16W	1	[M]
R914	ERJ3GEYJ153V	15K 1/16W	1	[M]
R915	ERJ3GEYJ153V	15K 1/16W	1	[M]
R916	ERJ3GEYJ332V	3.3K 1/16W	1	[M]
R917	ERJ3GEYJ332V	3.3K 1/16W	1	[M]
R918	ERJ3GEYJ123V	12K 1/16W	1	[M]
R919	ERJ3GEYJ123V	12K 1/16W	1	[M]
R920	ERJ3GEYJ682V	6.8K 1/16W	1	[M]
R921	ERJ3GEYJ682V	6.8K 1/16W	1	[M]
R922	ERJ3GEYJ472V	4.7K 1/16W	1	[M]

Ref. No.	Part No.	Part Name & Description	Pcs.	Remarks
R923	ERJ3GEYJ472V	4.7K 1/16W	1	[M]
R924	ERJ3GEYJ472V	4.7K 1/16W	1	[M]
R925	ERJ3GEYJ124V	120K 1/16W	1	[M]
R926	ERJ3GEYJ333V	33K 1/16W	1	[M]
R927	ERJ3GEYJ222V	2.2K 1/16W	1	[M]
R928	ERJ3GEYJ472V	4.7K 1/16W	1	[M]
R929	ERJ3GEYJ2R2V	2.2 1/16W	1	[M]
R930	ERJ3GEYJ2R2V	2.2 1/16W	1	[M]
R932	RSFMB70KT-L	FUSE PROTECTOR	1	[M] ⚠
R933	RSFMB70KT-L	FUSE PROTECTOR	1	[M] ⚠
R934	ERJ3GEYJ1R0V	1 1/16W	1	[M]
R935	ERJ3GEYJ1R0V	1 1/16W	1	[M]
R936	ERJ3GEYJ1R0V	1 1/16W	1	[M]
R937	ERJ3GEYJ1R0V	1 1/16W	1	[M]
R938	ERJ3GEYJ1R0V	1 1/16W	1	[M]
R939	ERJ3GEYJ1R0V	1 1/16W	1	[M]
R940	ERJ3GEYJ1R0V	1 1/16W	1	[M]
R941	ERJ3GEYJ1R0V	1 1/16W	1	[M]
R942	ERJ3GEYJ1R0V	1 1/16W	1	[M]
R943	ERJ3GEYJ1R0V	1 1/16W	1	[M]
R944	ERJ3GEYJ1R0V	1 1/16W	1	[M]
R945	ERJ3GEYJ1R0V	1 1/16W	1	[M]
R946	ERJ3GEYJ1R0V	1 1/16W	1	[M]
R947	ERJ3GEYJ1R0V	1 1/16W	1	[M]
R962	ERJ3GEYJ101V	100 1/16W	1	[M]
R963	ERJ3GEYJ101V	100 1/16W	1	[M]
R964	ERJ3GEYJ223V	22K 1/16W	1	[M]
R965	ERJ3GEYJ472V	4.7K 1/16W	1	[M]
R966	ERJ3GEYJ472V	4.7K 1/16W	1	[M]
R967	ERJ3GEYJ153V	15K 1/16W	1	[M]
R968	ERJ3GEYJ472V	4.7K 1/16W	1	[M]
R969	ERJ3GEYJ682V	6.8K 1/16W	1	[M]
R970	ERJ3GEYJ103V	10K 1/16W	1	[M]
R971	ERJ3GEYJ103V	10K 1/16W	1	[M]
R972	ERJ3GEYJ153V	15K 1/16W	1	[M]
R973	ERJ3GEYJ1R2V	1.2 1/16W	1	[M]
R974	ERJ3GEYJ1R2V	1.2 1/16W	1	[M]
R975	ERJ3GEYJ1R2V	1.2 1/16W	1	[M]
R976	ERJ3GEYJ1R2V	1.2 1/16W	1	[M]
R977	ERJ3GEYJ1R2V	1.2 1/16W	1	[M]
R978	ERJ3GEYJ1R2V	1.2 1/16W	1	[M]
R979	ERJ3GEYJ1R2V	1.2 1/16W	1	[M]
R980	ERJ3GEYJ1R2V	1.2 1/16W	1	[M]
R981	ERJ3GEYJ1R2V	1.2 1/16W	1	[M]
R982	ERJ3GEYJ1R2V	1.2 1/16W	1	[M]
R983	ERJ3GEYJ1R2V	1.2 1/16W	1	[M]
R984	ERJ3GEYJ1R2V	1.2 1/16W	1	[M]
R985	ERJ3GEYJ1R2V	1.2 1/16W	1	[M]
R986	ERJ3GEYJ1R2V	1.2 1/16W	1	[M]
R2001	ERJ3GEYJ473V	47K 1/16W	1	[M]
R2002	ERJ3GEYJ473V	47K 1/16W	1	[M]
R2003	ERJ3GEYJ473V	47K 1/16W	1	[M]
R2004	ERJ3GEYJ473V	47K 1/16W	1	[M]

Ref. No.	Part No.	Part Name & Description	Pcs.	Remarks
R2005	ERJ3GEYJ473V	47K 1/16W	1	[M]
R2006	ERJ3GEYJ473V	47K 1/16W	1	[M]
R2007	ERJ3GEYJ473V	47K 1/16W	1	[M]
R2008	ERJ3GEYJ223V	22K 1/16W	1	[M]
R2009	ERJ3GEYJ223V	22K 1/16W	1	[M]
R2010	ERJ3GEYJ273V	27K 1/16W	1	[M]
R2011	ERJ3GEYJ123V	12K 1/16W	1	[M]
R2012	ERJ3GEYD562V	5.6K 1/16W	1	[M]
R2013	ERJ3GEYJ273V	27K 1/16W	1	[M]
R2014	ERJ3GEYJ105V	1M 1/16W	1	[M]
R2017	ERJ3GEYD153V	15K 1/16W	1	[M]
R2018	ERJ3GEYJ473V	47K 1/16W	1	[M]
R2020	ERJ3GEYD123V	12K 1/16W	1	[M]
R2021	ERJ3GEYJ103V	10K 1/16W	1	[M]
R2022	ERJ3GEYJ223V	22K 1/16W	1	[M]
R2023	ERJ3GEYJ223V	22K 1/16W	1	[M]
R2024	ERJ3GEYJ563V	56K 1/16W	1	[M]
R2025	ERJ3GEYJ563V	56K 1/16W	1	[M]
R2026	ERJ3GEYJ105V	1M 1/16W	1	[M]
R2027	ERJ3GEYJ472V	4.7K 1/16W	1	[M]
R2028	ERJ3GEYJ103V	10K 1/16W	1	[M]
R2029	ERJ3GEYD103V	10K 1/16W	1	[M]
R2030	ERJ3GEYJ103V	10K 1/16W	1	[M]
R2031	ERJ3GEYJ561V	560 1/16W	1	[M]
R2032	ERJ3GEYJ473V	47K 1/16W	1	[M]
R2033	ERJ3GEYJ472V	4.7K 1/16W	1	[M]
R2034	ERJ3GEYJ472V	4.7K 1/16W	1	[M]
R2051	ERJ3GEY0R00V	0 1/16W	1	[M]
R2067	ERJ3GEYJ221V	220 1/16W	1	[M]
R2068	ERJ3GEYJ221V	220 1/16W	1	[M]
R2069	ERJ3GEYJ221V	220 1/16W	1	[M]
R2070	ERJ3GEYJ221V	220 1/16W	1	[M]
R2071	ERJ3GEYJ221V	220 1/16W	1	[M]
R2072	ERJ3GEY0R00V	0 1/16W	1	[M]
R2073	VLP0323A601R	CHIP INDUCTOR	1	[M]
R2074	VLP0323A601R	CHIP INDUCTOR	1	[M]
R2075	VLP0323A601R	CHIP INDUCTOR	1	[M]
R2076	VLP0323A601R	CHIP INDUCTOR	1	[M]
R2077	VLP0323A601R	CHIP INDUCTOR	1	[M]
R2501	ERJ3GEYJ271V	270 1/16W	1	[M]
R2502	ERJ3GEYJ271V	270 1/16W	1	[M]
R2503	ERJ14YKR39H	0.39 1/4W	1	[M]
R2505	ERJ3GEYJ473V	47K 1/16W	1	[M]
R2511	ERJ3GEYD203V	20K 1/16W	1	[M]
R2512	ERJ3GEYJ273V	27K 1/16W	1	[M]
R2513	ERJ3GEYJ333V	33K 1/16W	1	[M]
R2514	ERJ3GEYD203V	20K 1/16W	1	[M]
R2515	ERJ3GEYJ273V	27K 1/16W	1	[M]
R2516	ERJ3GEYJ333V	33K 1/16W	1	[M]
R2517	ERJ3GEYJ123V	12K 1/16W	1	[M]
R2518	ERJ3GEYJ103V	10K 1/16W	1	[M]
R2519	ERJ3GEYD752V	7.5K 1/16W	1	[M]
R2520	ERJ3GEYJ123V	12K 1/16W	1	[M]
R2521	ERJ3GEYJ103V	10K 1/16W	1	[M]

Ref. No.	Part No.	Part Name & Description	Pcs.	Remarks
R2522	ERJ3GEYD752V	7.5K 1/16W	1	[M]
R2527	ERJ3GEYJ103V	10K 1/16W	1	[M]
R2528	ERJ3GEYJ103V	10K 1/16W	1	[M]
R3001	ERJ3GEYJ220V	22 1/16W	1	[M]
R3002	ERJ3GEYJ472V	4.7K 1/16W	1	[M]
R3003	ERJ3GEYJ101V	100 1/16W	1	[M]
R3004	ERJ3GEYJ221V	220 1/16W	1	[M]
R3005	ERJ3GEYJ473V	47K 1/16W	1	[M]
R3051	ERJ3GEYD752V	7.5K 1/16W	1	[M]
R3052	ERJ3GEYJ101V	100 1/16W	1	[M]
R3055	ERJ3GEYD752V	7.5K 1/16W	1	[M]
R3057	ERJ3GEYD183V	18K 1/16W	1	[M]
R3058	ERJ3RBD432V	4.3K 3W	1	[M]
R3059	ERJ3GEYD752V	7.5K 1/16W	1	[M]
R3060	ERJ3GEYD752V	7.5K 1/16W	1	[M]
R3061	ERJ3GEYJ101V	100 1/16W	1	[M]
R3071	ERJ3GEYJ103Z	10K 1/16W	1	[M]
R3081	ERJ3GEYD750V	75 1/16W	1	[M]
R3082	ERJ3GEYJ330V	33 1/16W	1	[M]
R3083	ERJ3GEYJ102Z	1K 1/16W	1	[M]
R3084	ERJ3GEYD750V	75 1/16W	1	[M]
R3087	ERJ3GEYD750V	75 1/16W	1	[M]
R3090	ERJ3GEYD750V	75 1/16W	1	[M]
R3091	ERJ3GEYJ330V	33 1/16W	1	[M]
R3092	ERJ3GEYJ331V	330 1/16W	1	[M]
R3501	ERJ3GEYJ561V	560 1/16W	1	[M]
R3502	ERJ3GEYJ561V	560 1/16W	1	[M]
R3503	ERJ3GEYJ103Z	10K 1/16W	1	[M]
R3504	ERJ3GEYJ223V	22K 1/16W	1	[M]
R3505	ERJ3GEYJ103Z	10K 1/16W	1	[M]
R3506	ERJ3GEYJ472V	4.7K 1/16W	1	[M]
R3507	ERJ3GEYD750V	75 1/16W	1	[M]
R3508	ERJ3GEYD750V	75 1/16W	1	[M]
R3509	ERJ3GEYD750V	75 1/16W	1	[M]
R4202	ERJ3GEYJ101V	100 1/16W	1	[M]
R4203	ERJ3GEYJ101V	100 1/16W	1	[M]
R4204	ERJ3GEYJ101V	100 1/16W	1	[M]
R4205	ERJ3GEYJ101V	100 1/16W	1	[M]
R4206	ERJ3GEYJ101V	100 1/16W	1	[M]
R4207	ERJ3GEYJ101V	100 1/16W	1	[M]
R4209	ERJ3GEYJ103Z	10K 1/16W	1	[M]
R4211	ERJ3GEYJ101V	100 1/16W	1	[M]
R4212	ERJ3GEYJ222V	2.2K 1/16W	1	[M]
R4213	ERJ3GEY0R00V	0 1/16W	1	[M]
R4214	ERJ3GEY0R00V	0 1/16W	1	[M]
R5201	ERJ12YJ270H	27 1/2W	1	[M]
R5202	ERJ3GEYJ2R2V	2.2 1/16W	1	[M]
R5203	ERJ3GEYJ223V	22K 1/16W	1	[M]
R5204	ERJ3GEYJ123V	12K 1/16W	1	[M]
R5206	ERJ3GEYJ154V	150K 1/16W	1	[M]
R5207	ERJ3GEYD562V	5.6K 1/16W	1	[M]
R5208	ERJ3GEYJ101V	100 1/16W	1	[M]
R5209	ERJ3GEYD303V	30K 1/16W	1	[M]
R5210	ERJ3GEYD473V	47K 1/16W	1	[M]

Ref. No.	Part No.	Part Name & Description	Pcs.	Remarks
R5211	ERJ3GEYD183V	18K 1/16W	1	[M]
R5212	ERJ3GEYD562V	5.6K 1/16W	1	[M]
R5213	ERJ3GEYJ103V	10K 1/16W	1	[M]
R5214	ERJ3GEYJ105V	1M 1/16W	1	[M]
R5215	ERJ3GEYJ105V	1M 1/16W	1	[M]
R5216	ERJ3GEYJ105V	1M 1/16W	1	[M]
R5217	ERJ3GEY0R00V	0 1/16W	1	[M]
R5219	ERJ3GEYJ101V	100 1/16W	1	[M]
R5220	ERJ3GEYJ101V	100 1/16W	1	[M]
R6101	ERJ3GEYJ103Z	10K 1/16W	1	[M]
R6102	ERJ3GEY0R00V	0 1/16W	1	[M]
R6201	ERJ3GEYJ103Z	10K 1/16W	1	[M]
R6202	ERJ3GEYJ223V	22K 1/16W	1	[M]
R6203	ERJ3GEYJ473V	47K 1/16W	1	[M]
R6204	ERJ3GEYJ471V	470 1/16W	1	[M]
R6208	ERJ3GEYJ473V	47K 1/16W	1	[M]
R6209	ERJ3GEYD151V	150 1/16W	1	[M]
R6210	ERJ3GEYD471V	470 1/16W	1	[M]
R6211	ERJ3GEYD391V	390 1/16W	1	[M]
R6212	ERJ3GEYJ473V	47K 1/16W	1	[M]
R6213	ERJ3GEYJ102Z	1K 1/16W	1	[M]
R6214	ERJ3GEYJ102Z	1K 1/16W	1	[M]
R6301	ERJ3GEYJ103Z	10K 1/16W	1	[M]
R6302	ERJ3GEYJ472V	4.7K 1/16W	1	[M]
R6303	ERJ3GEYJ472V	4.7K 1/16W	1	[M]
R6502	ERJ3GEYJ221V	220 1/16W	1	[M]
R6503	ERJ3GEYJ103Z	10K 1/16W	1	[M]
R6504	ERJ3GEYJ103Z	10K 1/16W	1	[M]
R6505	ERJ3GEY0R00V	0 1/16W	1	[M]
R7001	ERJ3GEYJ102Z	1K 1/16W	1	[M]
R7002	ERJ3GEYJ473V	47K 1/16W	1	[M]
K3001	ERJ3GEY0R00V	0 1/16W	1	[M]
K3002	ERJ14Y0R00H	0 1/4W	1	[M]
K6001	VLP0323A601R	CHIP INDUCTOR	1	[M]
K6002	VLP0323A601R	CHIP INDUCTOR	1	[M]
K6004	ERJ3GEY0R00V	0 1/16W	1	[M]
K6005	ERJ3GEY0R00V	0 1/16W	1	[M]
K6301	ERJ3GEY0R00V	0 1/16W	1	[M]
K6506	VLP0323A601R	CHIP INDUCTOR	1	[M]
K6531	ERJ3GEY0R00V	0 1/16W	1	[M]
RA3008	EXBV4V103JV	10K 1/16W	1	[M]
RA3009	EXBV4V221JV	220 1/16W	1	[M]
RA3010	EXBV4V221JV	220 1/16W	1	[M]
RA3011	EXBV4V473JV	47K 1/16W	1	[M]
RA6201	EXBV4V103JV	10K 1/16W	1	[M]
RA6203	EXBV4V473JV	47K 1/16W	1	[M]
RA6204	EXBV4V103JV	10K 1/16W	1	[M]
RA6205	EXBV8V473JV	47K 1/16W	1	[M]
RA6206	EXBV4V103JV	10K 1/16W	1	[M]
RA7001	EXBV8V473JV	47K 1/16W	1	[M]
RA7002	EXBV8V473JV	47K 1/16W	1	[M]
RA7003	EXBV8V473JV	47K 1/16W	1	[M]

Ref. No.	Part No.	Part Name & Description	Pcs.	Remarks
		CAPACITORS		
C101	ECUV1H332KBV	3300P 50V	1	[M]
C104	ECUVNC104ZFV	0.1 16V	1	[M]
C105	ECUV1H220JCV	22P 50V	1	[M]
C106	ECUV1H220JCV	22P 50V	1	[M]
C107	ECUVNC104ZFV	0.1 16V	1	[M]
C108	ECUV1H332KBV	3300P 50V	1	[M]
C110	ECA1EAK100XB	10 25V	1	[M]
C111	ECQB1H222JM3	2200P 50V	1	[M]
C112	ECA1EAK100XB	10 25V	1	[M]
C113	ECA1EAK100XB	10 25V	1	[M]
C114	ECA1EAK100XB	10 25V	1	[M]
C115	ECA1EAK100XB	10 25V	1	[M]
C116	ECA1EAK100XB	10 25V	1	[M]
C117	ECUV1H470JCV	47P 50V	1	[M]
C118	ECUV1H470JCV	47P 50V	1	[M]
C119	ECUVNC104ZFV	0.1 16V	1	[M]
C120	ECUV1H471JCV	470P 50V	1	[M]
C121	ECUV1H471JCV	470P 50V	1	[M]
C122	ECUV1H471JCV	470P 50V	1	[M]
C123	ECUV1H470JCV	47P 50V	1	[M]
C124	ECUV1H471JCV	470P 50V	1	[M]
C125	ECUVNC104ZFV	0.1 16V	1	[M]
C126	ECA1EAK100XB	10 25V	1	[M]
C127	ECUV1H470JCV	47P 50V	1	[M]
C128	ECUVNC104ZFV	0.1 16V	1	[M]
C129	ECUVNC104ZFV	0.1 16V	1	[M]
C134	ECUV1H471JCV	470P 50V	1	[M]
C135	ECUV1H471JCV	470P 50V	1	[M]
C136	ECUV1H470JCV	47P 50V	1	[M]
C137	ECUV1H470JCV	47P 50V	1	[M]
C138	ECA1HAK010XB	1 50V	1	[M]
C145	ECUVNC104ZFV	0.1 16V	1	[M]
C147	ECUVNC104ZFV	0.1 16V	1	[M]
C148	ECA1HAKR47XB	0.47 50V	1	[M]
C149	ECA1HAKR47XB	0.47 50V	1	[M]
C150	ECQB1H223JM3	0.022 50V	1	[M]
C151	ECQB1H223JM3	0.022 50V	1	[M]
C155	ECQB1H392JM3	3900P 50V	1	[M]
C156	ECQB1H392JM3	3900P 50V	1	[M]
C158	ECA1HAK3R3XB	3.3 50V	1	[M]
C161	ECUVNC104ZFV	0.1 16V	1	[M]
C162	ECUVNC104ZFV	0.1 16V	1	[M]
C163	ECA1HAK3R3XB	3.3 50V	1	[M]
C169	ECA1HAK3R3XB	3.3 50V	1	[M]
C170	ECA1CAK101XB	100 16V	1	[M]
C171	ECA1HAK3R3XB	3.3 50V	1	[M]
C172	ECA1EAK100XB	10 25V	1	[M]
C174	ECA1EAK100XB	10 25V	1	[M]
C175	ECA1HAK3R3XB	3.3 50V	1	[M]
C177	ECA1CAK220XB	22 16V	1	[M]
C178	ECA1HAK3R3XB	3.3 50V	1	[M]

Ref. No.	Part No.	Part Name & Description	Pcs.	Remarks
C179	ECA1CAK220XB	22 16V	1	[M]
C180	ECUVNC104ZFV	0.1 16V	1	[M]
C181	ECUV1E103KBV	0.01 25V	1	[M]
C182	ECUV1H470JCV	47P 50V	1	[M]
C183	ECUV1H470JCV	47P 50V	1	[M]
C184	ECA1HAK3R3XB	3.3 50V	1	[M]
C185	ECA1CAK220XB	22 16V	1	[M]
C186	ECUV1H101JCV	100P 50V	1	[M]
C187	ECUVNC104ZFV	0.1 16V	1	[M]
C188	ECUV1E103KBV	0.01 25V	1	[M]
C189	ECUV1H222KBV	2200P 50V	1	[M]
C191	ECUV1H101JCV	100P 50V	1	[M]
C192	ECUV1H681KBV	680P 50V	1	[M]
C193	ECUV1H101JCV	100P 50V	1	[M]
C194	ECUV1H102KBV	1000P 50V	1	[M]
C196	ECA1HAK3R3XB	3.3 50V	1	[M]
C197	ECUV1H470JCV	47P 50V	1	[M]
C201	ECUVNC104ZFV	0.1 16V	1	[M]
C202	ECA1EAK100XB	10 25V	1	[M]
C203	ECA1HAK4R7XB	4.7 50V	1	[M]
C204	ECUVNC104ZFV	0.1 16V	1	[M]
C205	ECUV1H152KBV	1500P 50V	1	[M]
C206	ECUV1H090DCV	9P 50V	1	[M]
C207	ECUV1H152KBV	1500P 50V	1	[M]
C208	ECUV1H102KBV	1000P 50V	1	[M]
C209	ECUV1H222KBV	2200P 50V	1	[M]
C210	ECA1CAK101XB	10 16V	1	[M]
C211	ECUV1H220JCV	22P 50V	1	[M]
C212	ECUV1H101JCV	100P 50V	1	[M]
C213	ECUV1H470JCV	47P 50V	1	[M]
C214	ECUV1H681KBV	680P 50V	1	[M]
C215	ECUV1H101JCV	100P 50V	1	[M]
C217	ECUVNC104ZFV	0.1 16V	1	[M]
C218	ECUVNC104ZFV	0.1 16V	1	[M]
C219	ECUV1H101JCV	100P 50V	1	[M]
C221	ECUV1H470JCV	47P 50V	1	[M]
C222	ECUV1H470JCV	47P 50V	1	[M]
C223	ECUV1H102KBV	1000P 50V	1	[M]
C224	ECUV1H102KBV	1000P 50V	1	[M]
C225	ECUV1H101JCV	100P 50V	1	[M]
C226	ECA1EAK100XB	10 25V	1	[M]
C227	ECA1EAK100XB	10 25V	1	[M]
C228	ECUVNC104ZFV	0.1 16V	1	[M]
C229	ECA1EAK100XB	10 25V	1	[M]
C230	ECA1EAK100XB	10 25V	1	[M]
C231	ECA1EAK100XB	10 25V	1	[M]
C233	ECA1EAK100XB	10 25V	1	[M]
C234	ECUVNC104ZFV	0.1 16V	1	[M]
C237	ECUVNC104ZFV	0.1 16V	1	[M]
C238	ECUV1H101JCV	100P 50V	1	[M]
C241	ECUV1C823KBV	0.082 16V	1	[M]
C248	ECUV1H180JCV	18P 50V	1	[M]
C253	ECUVNC104ZFV	0.1 16V	1	[M]
C263	ECUVNC104ZFV	0.1 16V	1	[M]

Ref. No.	Part No.	Part Name & Description	Pcs.	Remarks
C264	ECUVNC104ZFV	0.1 16V	1	[M]
C267	ECUV1C823KBV	0.082 16V	1	[M]
C272	ECUVNC104ZFV	0.1 16V	1	[M]
C275	ECUV1H222KBV	2200P 50V	1	[M]
C277	ECA1EAK100XB	10 25V	1	[M]
C280	ECUVNC104ZFV	0.1 16V	1	[M]
C282	ECUV1H470JCV	47P 50V	1	[M]
C287	ECUV1H470JCV	47P 50V	1	[M]
C288	ECUVNC104ZFV	0.1 16V	1	[M]
C296	ECA1EAK100XB	10 25V	1	[M]
C301	ECA1EAK100XB	10 25V	1	[M]
C303	ECA1EAK100XB	10 25V	1	[M]
C315	ECUV1E103KBV	0.01 25V	1	[M]
C320	ECA1EAK100XB	10 25V	1	[M]
C329	ECUVNC104ZFV	0.1 16V	1	[M]
C331	ECUV1H102KBV	1000P 50V	1	[M]
C332	ECUV1H102KBV	1000P 50V	1	[M]
C339	ECUV1H102KBV	1000P 50V	1	[M]
C340	ECUV1H102KBV	1000P 50V	1	[M]
C350	ECA0JM102B	1000 6.3V	1	[M]
C351	ECA0JM102B	1000 6.3V	1	[M]
C401	ECUV1E103KBV	0.01 25V	1	[M]
C402	ECUVNC104ZFV	0.1 16V	1	[M]
C403	ECUV1H102KBV	1000P 50V	1	[M]
C405	ECUV1E103KBV	0.01 25V	1	[M]
C406	ECUV1H101JCV	100P 50V	1	[M]GK
C407	ECUV1H101JCV	100P 50V	1	[M]GK
C408	ECUV1H101JCV	100P 50V	1	[M]GK
C450	ECA1HAK4R7XB	4.7 50V	1	[M]
C451	ECA1HAK2R2XB	2.2 50V	1	[M]
C452	ECUV1H472KBV	4700P 50V	1	[M]
C454	ECUV1E103KBV	0.01 25V	1	[M]
C455	ECA1HAK010XB	1 50V	1	[M]
C456	ECA1HAK010XB	1 50V	1	[M]
C457	ECUV1H102KBV	1000P 50V	1	[M]
C458	ECQV1H683JZ3	0.068 50V	1	[M]
C459	ECUV1H101JCV	100P 50V	1	[M]
C460	ECA1HAK2R2XB	2.2 50V	1	[M]
C461	ECQV1H224JZ3	0.22 50V	1	[M]
C462	ECEA0JKA101B	100 6.3V	1	[M]
C463	ECUV1H101JCV	100P 50V	1	[M]
C464	ECA1EAK100XB	10 25V	1	[M]
C465	ECA1EAK100XB	10 25V	1	[M]
C466	ECA1HAK010XB	1 50V	1	[M]
C467	ECA1HAK010XB	1 50V	1	[M]
C468	ECA1EAK100XB	10 25V	1	[M]
C469	ECA1EAK100XB	10 25V	1	[M]
C470	ECA1HAK2R2XB	2.2 50V	1	[M]
C471	ECUV1H101JCV	100P 50V	1	[M]
C472	ECUVNC104ZFV	0.1 16V	1	[M]
C473	ECUV1H101JCV	100P 50V	1	[M]
C474	ECUVNE223KBV	0.022 25V	1	[M]
C475	ECUVNA154KBV	0.15 10V	1	[M]
C476	ECUV1H102KBV	1000P 50V	1	[M]

Ref. No.	Part No.	Part Name & Description	Pcs.	Remarks
C477	ECUV1H472KBV	4700P 50V	1	[M]
C478	ECQV1H683JZ3	0.068 50V	1	[M]
C479	ECQV1H224JZ3	0.22 50V	1	[M]
C480	ECEA1AKA101B	100 10V	1	[M]
C501	ECUVNC104ZFV	0.1 16V	1	[M]
C502	ECUV1H180JCV	18P 50V	1	[M]
C503	ECUV1H090DCV	9P 50V	1	[M]
C504	ECUV1H220JCV	22P 50V	1	[M]
C505	ECUV1H220JCV	22P 50V	1	[M]
C506	ECUV1H471KBV	470P 50V	1	[M]
C507	ECUV1H471KBV	470P 50V	1	[M]
C508	ECA1HAK4R7XB	4.7 50V	1	[M]
C509	ECUV1H471KBV	470P 50V	1	[M]
C510	ECEA0JKA101B	100 6.3V	1	[M]
C511	ECUV1H471KBV	470P 50V	1	[M]
C512	ECUV1H471KBV	470P 50V	1	[M]
C513	ECUV1H471KBV	470P 50V	1	[M]
C514	ECUVNC104ZFV	0.1 16V	1	[M]
C515	ECUVNC104ZFV	0.1 16V	1	[M]
C516	ECEA0JKA470B	47 6.3V	1	[M]
C517	ECA1HAK2R2XB	2.2 50V	1	[M]
C518	ECUV1E103KBV	0.01 25V	1	[M]
C520	ECUVNC104ZFV	0.1 16V	1	[M]
C521	ECUV1H101JCV	100P 50V	1	[M]
C522	ECEA0JKA101B	100 6.3V	1	[M]
C601	ECEA0JKS470B	47 6.3V	1	[M]
C650	ECUV1E103KBV	0.01 25V	1	[M]GK
C651	ECUV1E473KBN	0.047 25V	1	[M]GK
C652	ECUV1E473KBN	0.047 25V	1	[M]GK
C653	ECUV1H101JCV	100P 50V	1	[M]GK
C654	ECUV1H101JCV	100P 50V	1	[M]GK
C704	ECA1AM221B	220 10V	1	[M]
C750	ECEA0JKA221B	220 6.3V	1	[M]
C751	ECEA0JKA101B	100 6.3V	1	[M]
C752	ECUVNC104ZFV	0.1 16V	1	[M]
C753	ECA1CAK330XB	33 16V	1	[M]
C790	ECA1AKF820E	82 10V	1	[M]
C801	ECA1CM102B	1000 16V	1	[M]GCS ⚠
C801	ECEA1CM102B	1000 16V	1	[M]GK ⚠
C802	ECBT1H103KB5	0.01 50V	1	[M]
C805	ECBT1H223KB5	0.022 50V	1	[M]
C806	ECEA0JKA101B	100 6.3V	1	[M]
C807	ECBT1H223KB5	0.022 50V	1	[M]
C808	ECA0JM102B	1000 6.3V	1	[M]
C809	ECA1CAK101XB	100 16V	1	[M]
C810	ECBT1H103KB5	0.01 50V	1	[M]
C811	ECQE2104KF3	0.1 250V	1	[M]
C812	ECA1EAM102XB	1000 25V	1	[M] ⚠
C813	ECBT1H103KB5	0.01 50V	1	[M]
C814	ECA1VM331B	330 35V	1	[M]
C817	ECUV1E103KBV	0.01 25V	1	[M]
C818	ECA1HM331B	330 50V	1	[M]
C819	ECEA1CM222B	2200 16V	1	[M]GCS ⚠

Ref. No.	Part No.	Part Name & Description	Pcs.	Remarks
C819	ECEA1EM222E	2200 25V	1	[M]GK ⚠
C820	ECA1EAM101XB	100 25V	1	[M]
C821	ECBT1H103KB5	0.01 50V	1	[M]
C822	ECA1CAK101XB	100 16V	1	[M]
C823	ECQE2104KF3	0.1 250V	1	[M]
C824	ECEA1EM332E	3300 25V	1	[M] ⚠
C825	ECBT1H103KB5	0.01 50V	1	[M]
C826	EEUFC1A681LB	680 10V	1	[M]
C827	ECEA1AKA101B	100 10V	1	[M]
C828	ECEA0JKA221B	220 6.3V	1	[M]
C829	ECEA1AKA101B	100 10V	1	[M]
C831	ECBT1H103KB5	0.01 50V	1	[M]
C832	ECBT1H103KB5	0.01 50V	1	[M]
C835	ECEA0JKA101B	100 6.3V	1	[M]
C836	ECBT1H103KB5	0.01 50V	1	[M]
C837	ECA1HAK010XB	1 50V	1	[M]
C838	ECBT1H103KB5	0.01 50V	1	[M]
C839	ECBT1H103KB5	0.01 50V	1	[M]
C840	ECBT1H102KB5	1000P 50V	1	[M]
C841	ECA1EAK100XB	10 25V	1	[M]
C842	ECBT1H102KB5	1000P 50V	1	[M]
C843	ECA1EAK100XB	10 25V	1	[M]
C844	ECBT1H102KB5	1000P 50V	1	[M]
C845	ECBT1H103KB5	0.01 50V	1	[M]
C846	ECUV1E103KBV	0.01 25V	1	[M]
C847	ECA1EAM331XB	330 25V	1	[M]
C848	ECA1EAM102XB	1000 25V	1	[M] ⚠
C849	ECUV1E103KBV	0.01 25V	1	[M]
C850	ECUV1E103KBV	0.01 25V	1	[M]
C851	ECUV1H103KBN	0.01 50V	1	[M]
C852	ECA1EAM101XB	100 25V	1	[M]
C853	ECUV1E103KBV	0.01 25V	1	[M]
C854	ECUV1H103KBN	0.01 50V	1	[M]
C855	ECA1VAM470XB	47 35V	1	[M]
C856	ECUV1H103KBN	0.01 50V	1	[M]
C857	ECUV1A105KBN	1 10V	1	[M]
C858	ECEA1AKA101B	100 10V	1	[M]
C859	ECUV1E103KBV	0.01 25V	1	[M]
C860	ECEA1EN4R7UB	4.7 25V	1	[M]
C861	ECUV1H103KBN	0.01 50V	1	[M]
C862	ECA1EAM102XB	1000 25V	1	[M]
C863	ECUV1H103KBN	0.01 50V	1	[M]
C901	ECQV1H104JZ3	0.1 50V	1	[M]
C902	ECQV1H104JZ3	0.1 50V	1	[M]
C903	ECQV1H104JZ3	0.1 50V	1	[M]
C904	ECQV1H224JZ3	0.22 50V	1	[M]
C905	ECQV1H104JZ3	0.1 50V	1	[M]
C906	ECQV1H473JZ3	0.047 50V	1	[M]
C907	ECUV1H471JCV	470P 50V	1	[M]
C908	ECUV1H471JCV	470P 50V	1	[M]
C909	ECUV1H471JCV	470P 50V	1	[M]
C910	ECA1HAK4R7XB	4.7 50V	1	[M]
C911	ECUV1H470JCV	47P 50V	1	[M]

Ref. No.	Part No.	Part Name & Description	Pcs.	Remarks
C912	ECQV1H474JZ3	0.47 50V	1	[M]
C913	ECQV1H474JZ3	0.47 50V	1	[M]
C914	ECA1EAK100XB	10 25V	1	[M]
C915	ECQB1H332JM3	3300P 50V	1	[M]
C916	ECQB1H332JM3	3300P 50V	1	[M]
C917	ECQB1H183JM3	0.018 50V	1	[M]
C918	ECQV1H224JZ3	0.22 50V	1	[M]
C919	ECQB1H183JM3	0.018 50V	1	[M]
C920	ECUVNC104KBV	0.1 16V	1	[M]
C921	ECUVNC104KBV	0.1 16V	1	[M]
C922	ECA1HAK010XB	1 50V	1	[M]
C923	ECA1HAK010XB	1 50V	1	[M]
C924	ECQV1H104JZ3	0.1 50V	1	[M]
C925	ECQV1H104JZ3	0.1 50V	1	[M]
C926	ECQV1H104JZ3	0.1 50V	1	[M]
C927	ECQV1H104JZ3	0.1 50V	1	[M]
C928	ECUV1E224KBN	0.22 25V	1	[M]
C929	ECUV1E224KBN	0.22 25V	1	[M]
C930	ECQV1H104JZ3	0.1 50V	1	[M]
C931	ECQV1H104JZ3	0.1 50V	1	[M]
C932	ECQV1H104JZ3	0.1 50V	1	[M]
C933	ECQV1H104JZ3	0.1 50V	1	[M]
C934	ECA1VAM470XB	47 35V	1	[M]
C935	ECA1VAM470XB	47 35V	1	[M]
C936	ECUV1H471JCV	470P 50V	1	[M]
C937	ECUV1H471JCV	470P 50V	1	[M]
C938	ECUV1H471JCV	470P 50V	1	[M]
C939	ECUV1H471JCV	470P 50V	1	[M]
C941	ECUV1H471JCV	470P 50V	1	[M]
C942	ECUV1H471JCV	470P 50V	1	[M]
C943	ECUV1H471JCV	470P 50V	1	[M]
C946	ECQV1H104JZ3	0.1 50V	1	[M]
C947	ECQV1H104JZ3	0.1 50V	1	[M]
C948	ECUV1E224KBN	0.22 25V	1	[M]
C949	ECUV1E224KBN	0.22 25V	1	[M]
C950	ECQV1H104JZ3	0.1 50V	1	[M]
C951	ECQV1H104JZ3	0.1 50V	1	[M]
C952	ECQV1H104JZ3	0.1 50V	1	[M]
C953	ECQV1H104JZ3	0.1 50V	1	[M]
C954	ECA1EAM682XE	6800 25V	1	[M] ⚠
C955	ECA1EAM682XE	6800 25V	1	[M] ⚠
C956	ECUV1E473KBN	0.047 25V	1	[M]GK
C957	ECUV1E473KBN	0.047 25V	1	[M]GK
C958	ECUV1E473KBN	0.047 25V	1	[M]GK
C959	ECUV1E473KBN	0.047 25V	1	[M]GK
C960	ECUV1E473KBN	0.047 25V	1	[M]GK
C961	ECUV1E473KBN	0.047 25V	1	[M]GK
C962	ECUV1E473KBN	0.047 25V	1	[M]GK
C963	ECUV1E473KBN	0.047 25V	1	[M]GK
C964	ECUV1E473KBN	0.047 25V	1	[M]GK
C965	ECUV1E473KBN	0.047 25V	1	[M]GK
C966	ECUV1E473KBN	0.047 25V	1	[M]GK
C967	ECUV1E473KBN	0.047 25V	1	[M]GK

Ref. No.	Part No.	Part Name & Description	Pcs.	Remarks
C968	ECUV1E473KBN	0.047 25V	1	[M]GK
C969	ECUV1E473KBN	0.047 25V	1	[M]GK
C2001	ECEV0JA101SP	100 6.3V	1	[M]
C2002	ECUVNC104ZFV	0.1 16V	1	[M]
C2003	ECEV0JA101SP	100 6.3V	1	[M]
C2004	ECUVNC104ZFV	0.1 16V	1	[M]
C2005	ECEV0JA101SP	100 6.3V	1	[M]
C2007	ECUVNH103KBV	0.01 50V	1	[M]
C2008	ECUVNC104ZFV	0.1 16V	1	[M]
C2009	ECUVNC104ZFV	0.1 16V	1	[M]
C2010	ECUV1H101KCV	100P 50V	1	[M]
C2012	ECUV1H331KBV	330P 50V	1	[M]
C2013	ECUV1H121JCV	120P 50V	1	[M]
C2014	ECUV1H121JCV	120P 50V	1	[M]
C2015	ECUV1H121JCV	120P 50V	1	[M]
C2016	ECUV1H101KCV	100P 50V	1	[M]
C2017	ECUV1H101KCV	100P 50V	1	[M]
C2018	ECUV1H391KBV	390P 50V	1	[M]
C2019	ECUV1H391KBV	390P 50V	1	[M]
C2020	ECUVNC104ZFV	0.1 16V	1	[M]
C2021	ECUVNC104KBV	0.1 16V	1	[M]
C2022	ECUVNC104KBV	0.1 16V	1	[M]
C2023	ECUV1H682KBV	6800P 50V	1	[M]
C2024	ECUV1H681KBV	680P 50V	1	[M]
C2025	ECUVNC104KBV	0.1 16V	1	[M]
C2026	ECUVNC104ZFV	0.1 16V	1	[M]
C2027	ECUVNA105ZFV	1 10V	1	[M]
C2028	ECUVNC104ZFV	0.1 16V	1	[M]
C2029	ECUV1H470KCV	47P 50V	1	[M]
C2030	ECUVNE183KBV	0.018 25V	1	[M]
C2031	ECUV1H102KBV	1000P 50V	1	[M]
C2032	ECUVNC104ZFV	0.1 16V	1	[M]
C2033	ECUVNJ474KBV	0.47 6.3V	1	[M]
C2034	ECUVNH103KBV	0.01 50V	1	[M]
C2035	ERJ3GEY0R00V	0 1/16W	1	[M]
C2037	ECUVNC104ZFV	0.1 16V	1	[M]
C2038	ECUVNC473KBV	0.047 16V	1	[M]
C2039	ECUVNC393KBV	0.039 16V	1	[M]
C2040	ECUV1H822KBV	8200P 50V	1	[M]
C2041	ECUVNC104ZFV	0.1 16V	1	[M]
C2042	ECUVNC104KBV	0.1 16V	1	[M]
C2043	ECUVNC473KBV	0.047 16V	1	[M]
C2044	ECUVNC104KBV	0.1 16V	1	[M]
C2045	ECUVNC104ZFV	0.1 16V	1	[M]
C2046	ECUVNC104ZFV	0.1 16V	1	[M]
C2047	ECUVNC104ZFV	0.1 16V	1	[M]
C2048	ECUVNC104ZFV	0.1 16V	1	[M]
C2051	ECUVNC104ZFV	0.1 16V	1	[M]
C2060	ECUVNC104ZFV	0.1 16V	1	[M]
C2061	ECUVNC104ZFV	0.1 16V	1	[M]
C2062	ECUVNC104ZFV	0.1 16V	1	[M]
C2063	ECUVNC104ZFV	0.1 16V	1	[M]
C2064	ECUVNC104ZFV	0.1 16V	1	[M]
C2071	ECUV1H270JCV	27P 50V	1	[M]

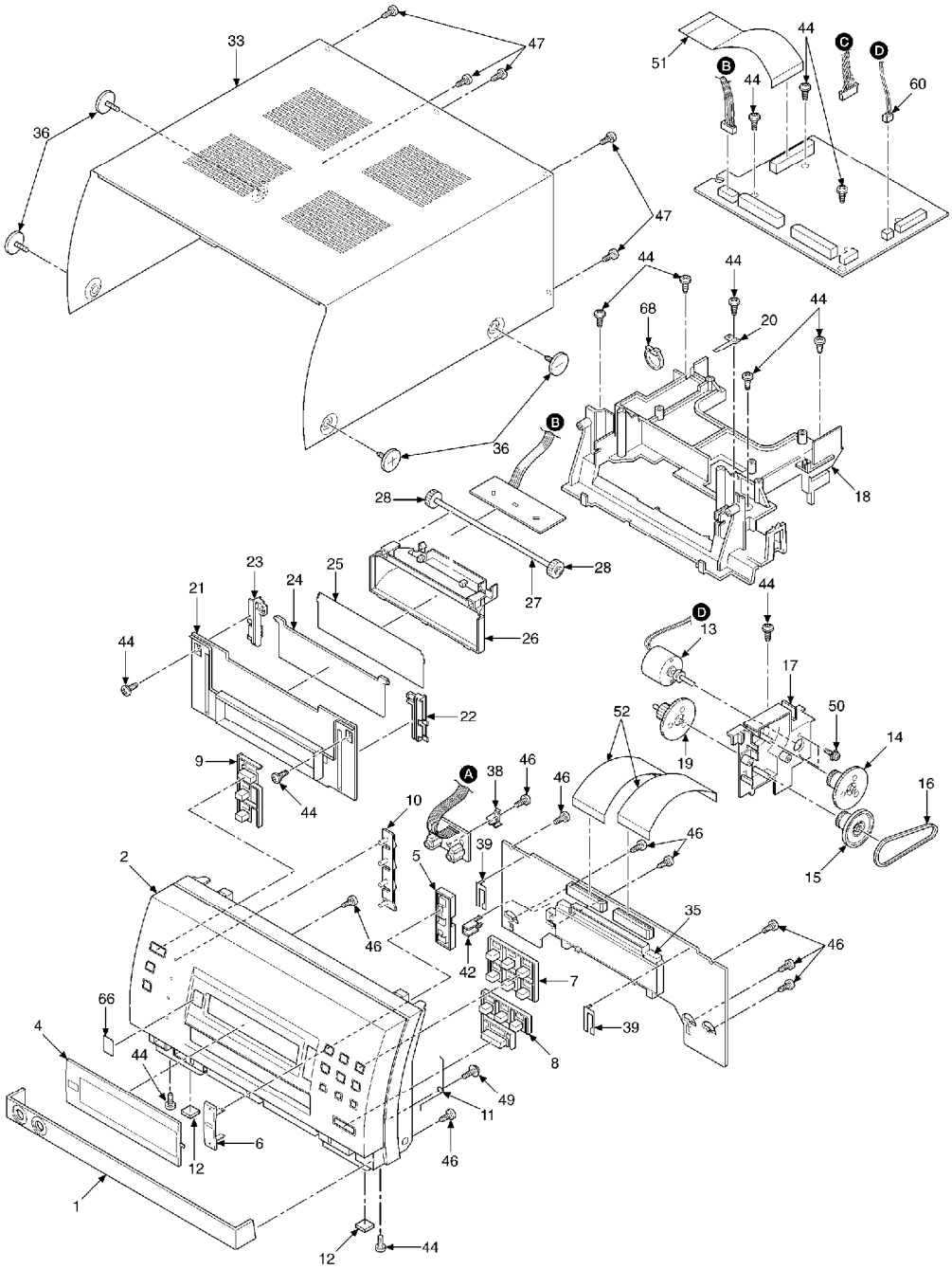
Ref. No.	Part No.	Part Name & Description	Pcs.	Remarks
C2072	ECUV1H270JCV	27P 50V	1	[M]
C2073	ECUV1H270JCV	27P 50V	1	[M]
C2074	ECUV1H270JCV	27P 50V	1	[M]
C2075	ECUV1H270JCV	27P 50V	1	[M]
C2076	ECUV1H100JCV	10P 50V	1	[M]
C2077	ECUV1H270JCV	27P 50V	1	[M]
C2078	ECUV1H270JCV	27P 50V	1	[M]
C2079	ECUV1H270JCV	27P 50V	1	[M]
C2080	ECUV1H270JCV	27P 50V	1	[M]
C2500	EEVFC1C101P	100 16V	1	[M]
C2501	ECEV0JA101SP	100 6.3V	1	[M]
C2502	EEVFC0J221P	220 6.3V	1	[M]
C2503	ECUVNH103KBV	0.01 50V	1	[M]
C2504	ECUVNH103KBV	0.01 50V	1	[M]
C2505	ECUVNH103KBV	0.01 50V	1	[M]
C2506	ECUVNC104ZFV	0.1 16V	1	[M]
C2507	ECUVNC104KBV	0.1 16V	1	[M]
C2508	ECUVNC104ZFV	0.1 16V	1	[M]
C2509	ECUVNC104ZFV	0.1 16V	1	[M]
C2513	ECUVNC104ZFV	0.1 16V	1	[M]
C2514	ECUVNC104ZFV	0.1 16V	1	[M]
C2515	ECUVNC104KBV	0.1 16V	1	[M]
C2516	ECEV0JA470SR	47 6.3V	1	[M]
C2525	ECUVNC104ZFV	0.1 16V	1	[M]
C3001	ECEV0JA331P	330 6.3V	1	[M]
C3002	ECEV0JA331P	330 6.3V	1	[M]
C3003	ECEV0JA331P	330 6.3V	1	[M]
C3004	ECUVNC104ZFV	0.1 16V	1	[M]
C3005	ECUVNC104ZFV	0.1 16V	1	[M]
C3006	ECUVNC104ZFV	0.1 16V	1	[M]
C3007	ECUVNC104ZFV	0.1 16V	1	[M]
C3008	ECUVNC104ZFV	0.1 16V	1	[M]
C3009	ECUVNC104ZFV	0.1 16V	1	[M]
C3010	ECUVNC104ZFV	0.1 16V	1	[M]
C3011	ECUVNC104ZFV	0.1 16V	1	[M]
C3012	ECUVNC104ZFV	0.1 16V	1	[M]
C3013	ECUVNC104ZFV	0.1 16V	1	[M]
C3014	ECUVNC104ZFV	0.1 16V	1	[M]
C3015	ECUVNC104ZFV	0.1 16V	1	[M]
C3016	ECUVNC104ZFV	0.1 16V	1	[M]
C3017	ECUVNC104ZFV	0.1 16V	1	[M]
C3018	ECUVNC104ZFV	0.1 16V	1	[M]
C3019	ECUVNC104ZFV	0.1 16V	1	[M]
C3020	ECUVNC104ZFV	0.1 16V	1	[M]
C3021	ECUVNC104ZFV	0.1 16V	1	[M]
C3022	ECUVNC104ZFV	0.1 16V	1	[M]
C3023	ECUVNC104ZFV	0.1 16V	1	[M]
C3024	ECUVNC104ZFV	0.1 16V	1	[M]
C3025	ECUVNC104ZFV	0.1 16V	1	[M]
C3026	ECUVNC104ZFV	0.1 16V	1	[M]
C3027	ECUVNC104ZFV	0.1 16V	1	[M]
C3028	ECUVNC104ZFV	0.1 16V	1	[M]
C3029	ECUVNC104ZFV	0.1 16V	1	[M]
C3030	ECUVNC104ZFV	0.1 16V	1	[M]

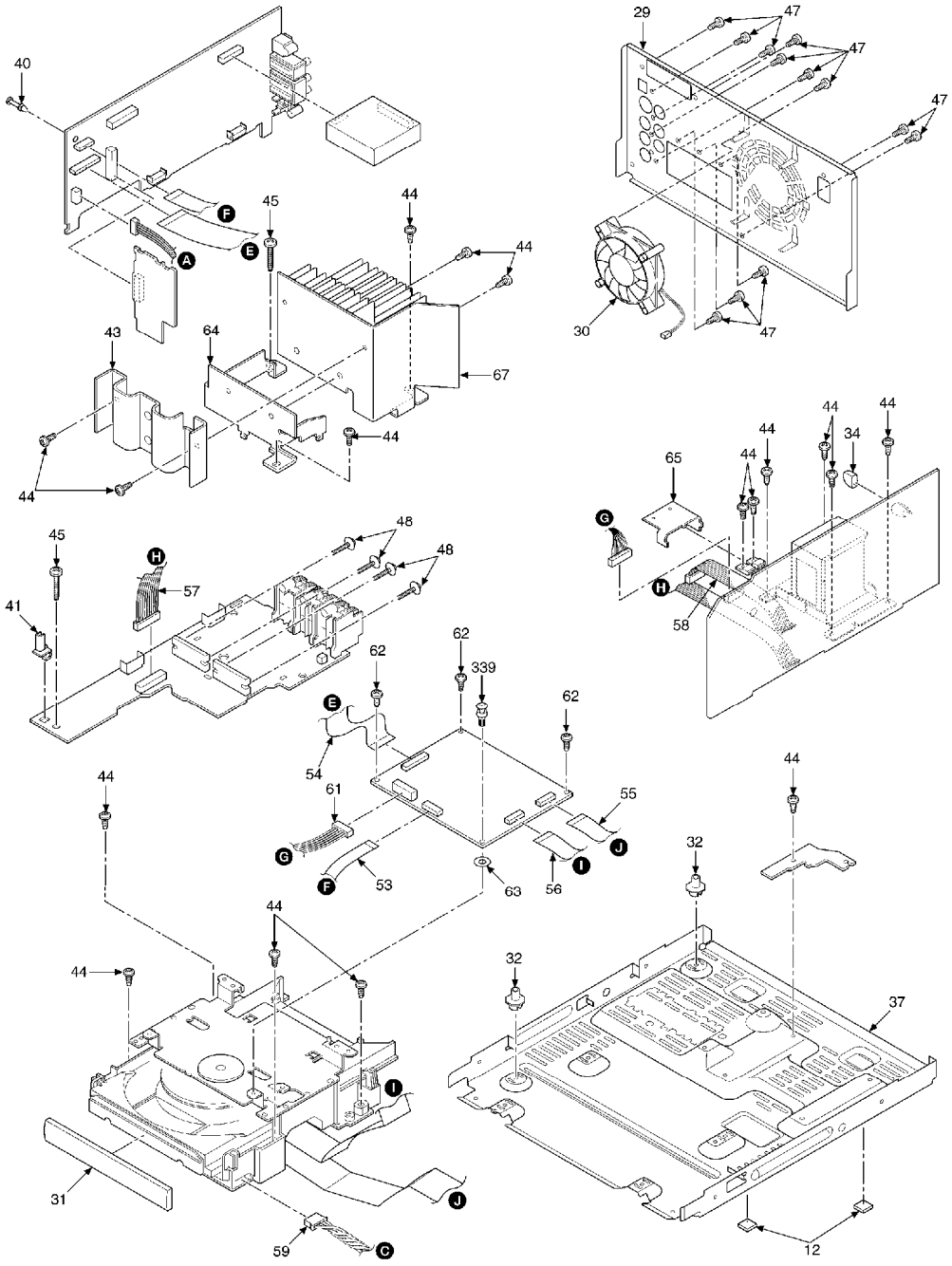
Ref. No.	Part No.	Part Name & Description	Pcs.	Remarks
C3031	ECUVNC104ZFV	0.1 16V	1	[M]
C3032	ECUVNC104ZFV	0.1 16V	1	[M]
C3033	ECUVNC104ZFV	0.1 16V	1	[M]
C3034	ECUVNC104ZFV	0.1 16V	1	[M]
C3035	ECUVNC104ZFV	0.1 16V	1	[M]
C3036	ECUV1H220JCV	22P 50V	1	[M]
C3042	ECUVNC104ZFV	0.1 16V	1	[M]
C3043	ECUVNC104ZFV	0.1 16V	1	[M]
C3044	ECEV0JA101SP	100 6.3V	1	[M]
C3045	ECUVNC104ZFV	0.1 16V	1	[M]
C3046	ECST1AY106RR	10 10V	1	[M]
C3047	ECUVNC104ZFV	0.1 16V	1	[M]
C3048	ECUVNC104ZFV	0.1 16V	1	[M]
C3051	ECEV0JA331P	330 6.3V	1	[M]
C3052	ECUVNA105KBN	1 10V	1	[M]
C3053	ECUVNA105KBN	1 10V	1	[M]
C3054	ECUVNA105KBN	1 10V	1	[M]
C3055	ECUVNA105KBN	1 10V	1	[M]
C3056	ECUVNC104KBV	0.1 16V	1	[M]
C3057	ECUVNC104KBV	0.1 16V	1	[M]
C3058	ECUVNC104KBV	0.1 16V	1	[M]
C3059	ECUVNC104ZFV	0.1 16V	1	[M]
C3060	ECUVNC104ZFV	0.1 16V	1	[M]
C3061	ECUVNC104ZFV	0.1 16V	1	[M]
C3062	ECUVNC104ZFV	0.1 16V	1	[M]
C3063	ECUVNC104ZFV	0.1 16V	1	[M]
C3064	ECUVNC104ZFV	0.1 16V	1	[M]
C3065	ECST1AY106RR	10 10V	1	[M]
C3066	ECUVNC104ZFV	0.1 16V	1	[M]
C3067	ECUV1H102KBV	1000P 50V	1	[M]
C3071	ECUVNC104ZFV	0.1 16V	1	[M]
C3072	ECUVNC104ZFV	0.1 16V	1	[M]
C3073	ECUVNC104ZFV	0.1 16V	1	[M]
C3074	ECUVNC104ZFV	0.1 16V	1	[M]
C3075	ECST1AY106RR	10 10V	1	[M]
C3076	ECUVNC104ZFV	0.1 16V	1	[M]
C3082	ECUVNC104KBV	0.1 16V	1	[M]
C3085	ECUVNC104KBV	0.1 16V	1	[M]
C3091	ECEV0JA101SP	100 6.3V	1	[M]
C3092	ECEV0JA101SP	100 6.3V	1	[M]
C3093	ECUVNC104ZFV	0.1 16V	1	[M]
C3094	ECST1AY106RR	10 10V	1	[M]
C3095	ECUVNC104ZFV	0.1 16V	1	[M]
C3501	ECEV1CA100SR	10 16V	1	[M]
C3502	ECUVNH103KBV	0.01 50V	1	[M]
C3503	ECUVNH103KBV	0.01 50V	1	[M]
C3504	ECUVNC104KBV	0.1 16V	1	[M]
C3505	ECEV0JA101SP	100 6.3V	1	[M]
C4201	ECEV0JA331P	330 6.3V	1	[M]
C4209	ECUVNC104ZFV	0.1 16V	1	[M]
C4210	ECUV1H101JCV	100P 50V	1	[M]
C4211	ECUV1H101JCV	100P 50V	1	[M]
C4212	ECST1AY106RR	10 10V	1	[M]
C4213	ECUVNC104ZFV	0.1 16V	1	[M]

Ref. No.	Part No.	Part Name & Description	Pcs.	Remarks
C4214	ECST1AY106RR	10 10V	1	[M]
C4215	ECST1AY106RR	10 10V	1	[M]
C4216	ECUVNC104ZFV	0.1 16V	1	[M]
C4217	ECUVNC104ZFV	0.1 16V	1	[M]
C4218	ECST1AY106RR	10 10V	1	[M]
C4219	ECUV1H101JCV	100P 50V	1	[M]
C4220	ECUV1H101JCV	100P 50V	1	[M]
C4221	ECUV1H101JCV	100P 50V	1	[M]
C4222	ECUV1H101JCV	100P 50V	1	[M]
C4223	ECUVNC104ZFV	0.1 16V	1	[M]
C4227	ECEV0JA331P	330 6.3V	1	[M]
C4231	ECUV1C104ZFV	0.1 16V	1	[M]
C4232	ECUV1C104ZFV	0.1 16V	1	[M]
C4233	ECST1AY106RR	10 10V	1	[M]
C5201	ECEV0JA330SR	33 6.3V	1	[M]
C5202	ECUVNC104ZFV	0.1 16V	1	[M]
C5203	ECUVNC104ZFV	0.1 16V	1	[M]
C5204	ECEV0JA330SR	33 6.3V	1	[M]
C5205	ECUVNC104ZFV	0.1 16V	1	[M]
C5206	ECUVNH103KBV	0.01 50V	1	[M]
C5211	ECEV0JA470SR	47 6.3V	1	[M]
C5212	ECUV1H221KBV	220P 50V	1	[M]
C5213	ECUVNC104ZFV	0.1 16V	1	[M]
C5214	ECUVNC104KBV	0.1 16V	1	[M]
C5215	ECUVNC104ZFV	0.1 16V	1	[M]
C5216	ECUV1H102KBV	1000P 50V	1	[M]
C5217	ECUVNC104KBV	0.1 16V	1	[M]
C5218	ECUV1H180JCV	18P 50V	1	[M]
C5219	ECUV1H182KBV	1800P 50V	1	[M]
C5220	ECUV1H101KCV	100P 50V	1	[M]
C5221	ECUV1H390KCV	39P 50V	1	[M]
C5222	ECUVNJ474KBV	0.47 6.3V	1	[M]
C5223	ECUVNJ474KBV	0.47 6.3V	1	[M]
C5224	ECUV1H221KBV	220P 50V	1	[M]
C5225	ECUV1H221KBV	220P 50V	1	[M]
C5226	ECUVNC104KBV	0.1 16V	1	[M]
C5227	ECUVNC104ZFV	0.1 16V	1	[M]
C5233	ECST1AY106RR	10 10V	1	[M]
C5234	ECUVNC104ZFV	0.1 16V	1	[M]
C6001	ECUVNC104ZFV	0.1 16V	1	[M]
C6011	ECUVNH103KBV	0.01 50V	1	[M]
C6012	ECEV0JA101SP	100 6.3V	1	[M]
C6013	ECEV0JA101SP	100 6.3V	1	[M]
C6014	ECEV0JA331P	330 6.3V	1	[M]
C6015	ECEV0JA470SR	47 6.3V	1	[M]
C6016	ECUVNC104ZFV	0.1 16V	1	[M]
C6017	ECUVNC104ZFV	0.1 16V	1	[M]
C6018	ECUVNC104ZFV	0.1 16V	1	[M]
C6020	ECUVNC104ZFV	0.1 16V	1	[M]
C6021	ECUVNC104ZFV	0.1 16V	1	[M]
C6022	ECUVNC104ZFV	0.1 16V	1	[M]
C6101	ECUVNC104ZFV	0.1 16V	1	[M]
C6102	ECUVNC104ZFV	0.1 16V	1	[M]
C6201	ECEV0JA470SR	47 6.3V	1	[M]

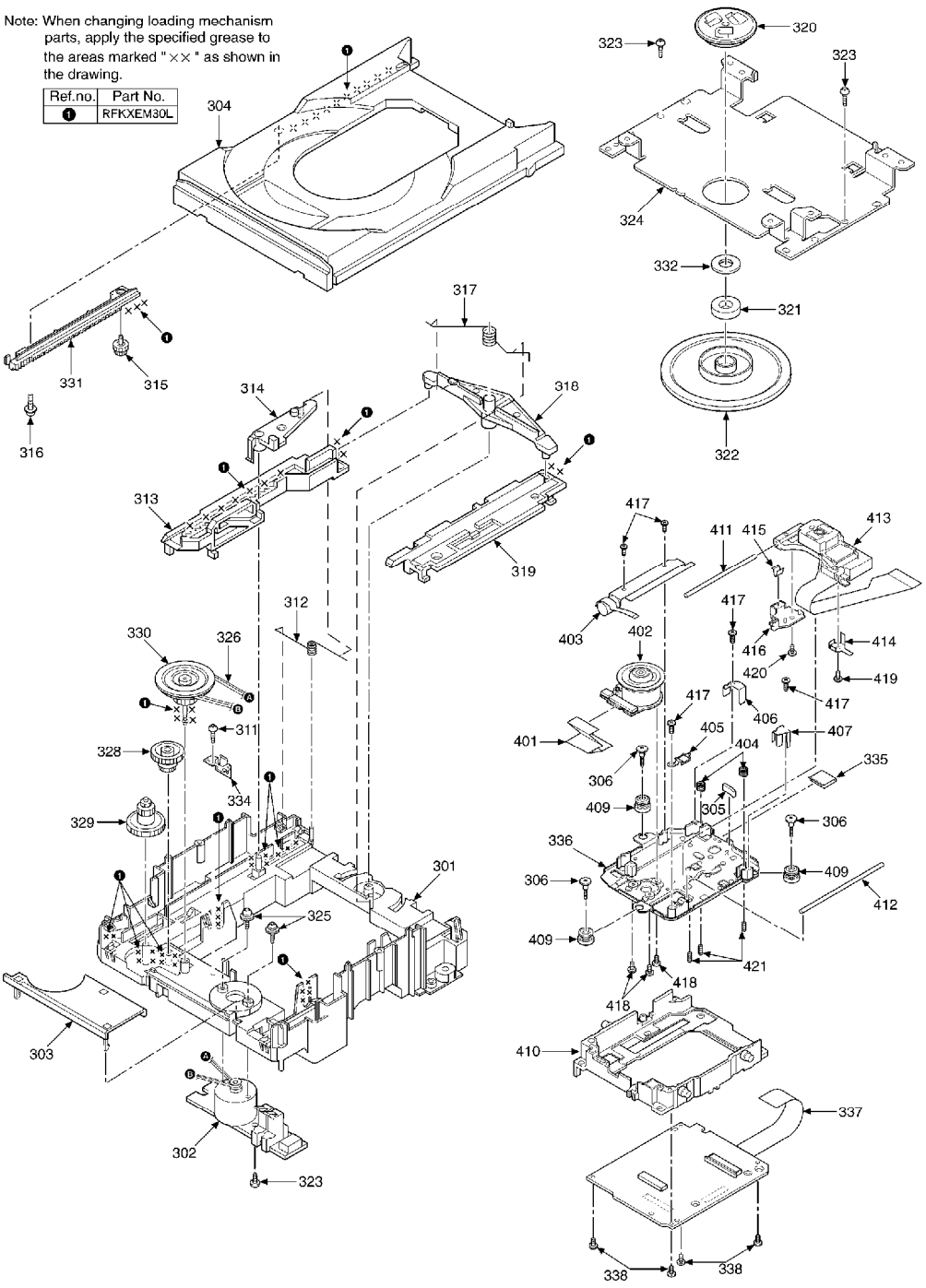
Ref. No.	Part No.	Part Name & Description	Pcs.	Remarks
C6202	ECUVNC104ZFV	0.1 16V	1	[M]
C6203	ECUVNC104ZFV	0.1 16V	1	[M]
C6204	ECUVNC104ZFV	0.1 16V	1	[M]
C6206	ECUVNC104ZFV	0.1 16V	1	[M]
C6207	ECUVNC104ZFV	0.1 16V	1	[M]
C6211	ECUVNC104ZFV	0.1 16V	1	[M]
C6212	ECUVNC104ZFV	0.1 16V	1	[M]
C6253	ECUVNC104ZFV	0.1 16V	1	[M]
C6301	ECUV1H101JCV	100P 50V	1	[M]
C6302	ECUVNC104KBV	0.1 16V	1	[M]
C6303	ECUVNC104ZFV	0.1 16V	1	[M]
C6304	ECUVNC104ZFV	0.1 16V	1	[M]
C6305	ECUVNC104ZFV	0.1 16V	1	[M]
C6501	ECEV0JA470SR	47 6.3V	1	[M]
C6502	ECUVNC104ZFV	0.1 16V	1	[M]
C6503	ECUVNC104ZFV	0.1 16V	1	[M]
C6504	ECST1AY106RR	10 10V	1	[M]
C6505	ECUVNC104ZFV	0.1 16V	1	[M]
C6511	ECUVNC104ZFV	0.1 16V	1	[M]
C6512	ECUVNC104ZFV	0.1 16V	1	[M]
C6513	ECUVNC104ZFV	0.1 16V	1	[M]
C6514	ECUV1H150JCV	15P 50V	1	[M]
C6515	ECUV1H150JCV	15P 50V	1	[M]
C6516	ECUVNC104ZFV	0.1 16V	1	[M]
C6517	ECUVNC104ZFV	0.1 16V	1	[M]
C6521	ECUVNC104ZFV	0.1 16V	1	[M]
C6551	ECUVNC104ZFV	0.1 16V	1	[M]
C6552	ECUVNC104ZFV	0.1 16V	1	[M]
C6553	ECST1AY106RR	10 10V	1	[M]
C7001	ECEV0JA101SP	100 6.3V	1	[M]
C7002	ECEV0JA101SP	100 6.3V	1	[M]
C7006	ECUVNC104ZFV	0.1 16V	1	[M]
C7011	ECUVNC104ZFV	0.1 16V	1	[M]
C7012	ECUVNC104ZFV	0.1 16V	1	[M]
C7013	ECUVNC104ZFV	0.1 16V	1	[M]
C7014	ECUVNC104ZFV	0.1 16V	1	[M]
C7015	ECUVNC104ZFV	0.1 16V	1	[M]
C7016	ECUVNC104ZFV	0.1 16V	1	[M]
C7017	ECUVNC104ZFV	0.1 16V	1	[M]
C7018	ECUVNC104ZFV	0.1 16V	1	[M]
C7019	ECUVNC104ZFV	0.1 16V	1	[M]
C7020	ECUVNC104ZFV	0.1 16V	1	[M]
C7021	ECUVNC104ZFV	0.1 16V	1	[M]
C7022	ECUVNC104ZFV	0.1 16V	1	[M]
C7023	ECUVNC104ZFV	0.1 16V	1	[M]
C7024	ECUVNC104ZFV	0.1 16V	1	[M]
C7025	ECUVNC104ZFV	0.1 16V	1	[M]
C7026	ECUVNC104ZFV	0.1 16V	1	[M]
C7101	ECUVNC104ZFV	0.1 16V	1	[M]

16. Cabinet Parts Location

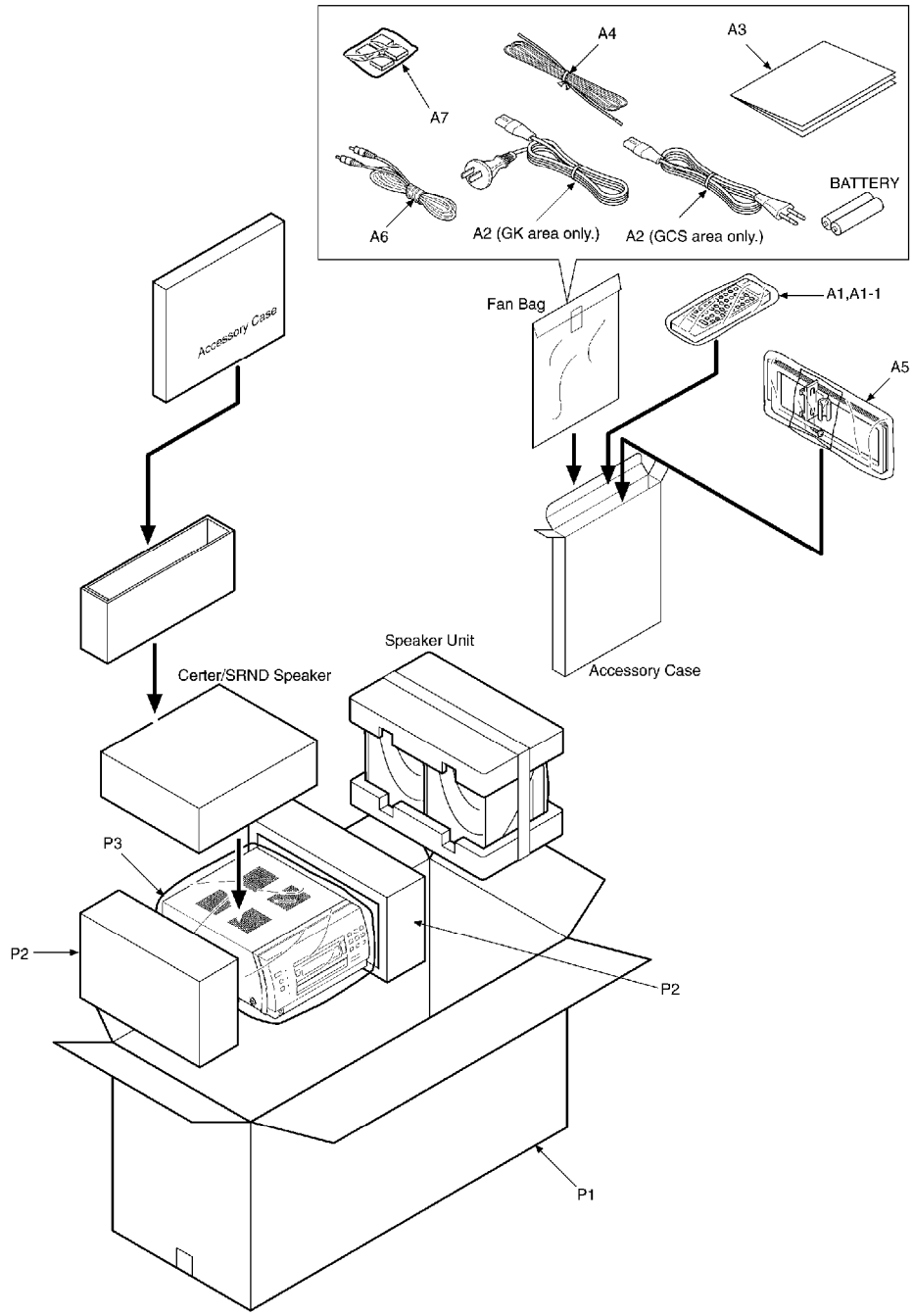

33
47
36
47
51
44
C
D
B
44
60
44
44
68
20
44
36
B
18
28
28
27
23
24
25
21
26
44
44
D
13
17
22
52
50
14
19
9
44
A
38
46
46
10
16
46
39
5
2
46
35
46
42
7
66
39
4
44
8
49
11
6
12
46
1
12
44



17. CD Mechanism Parts Location

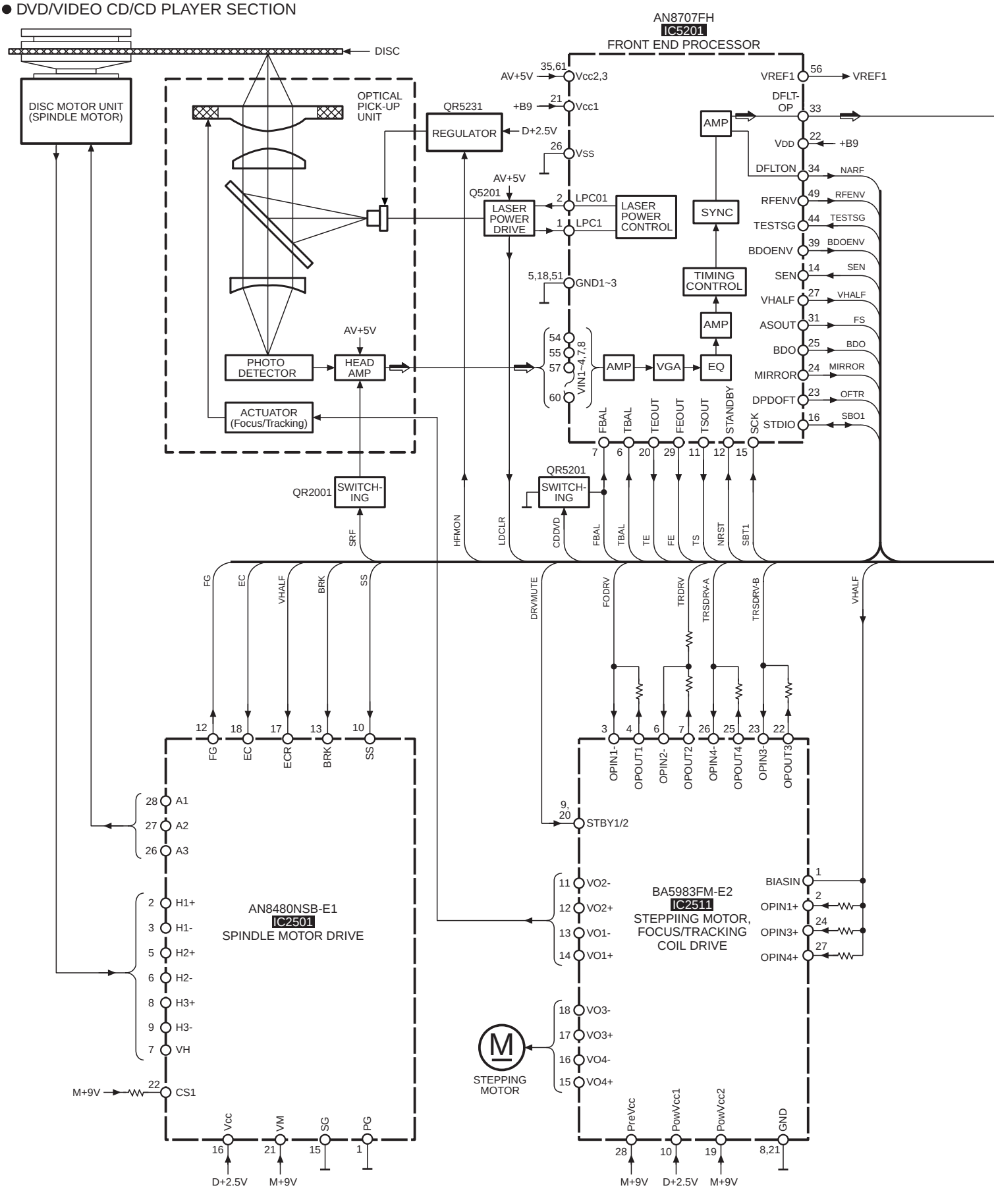


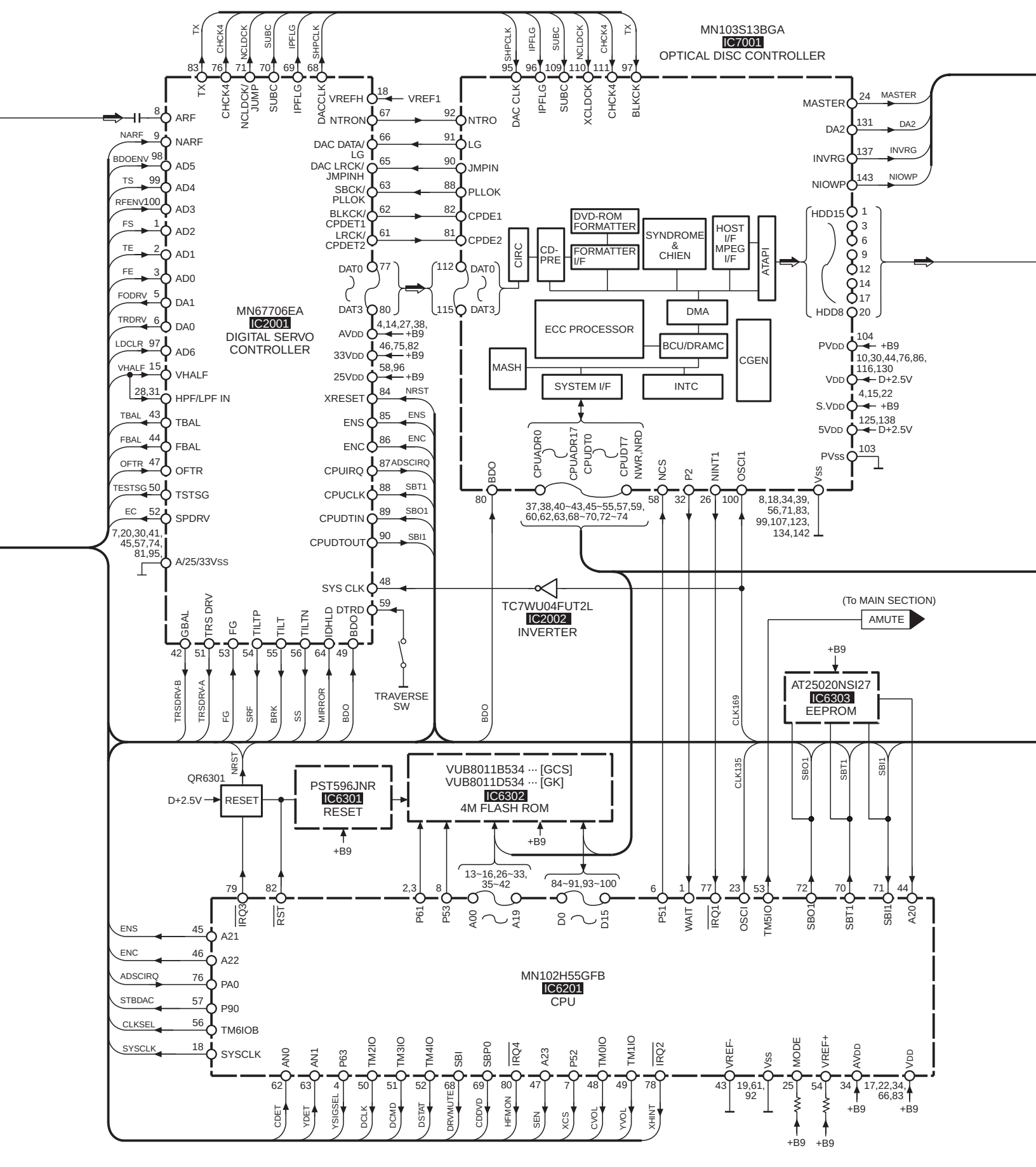
18. Packaging

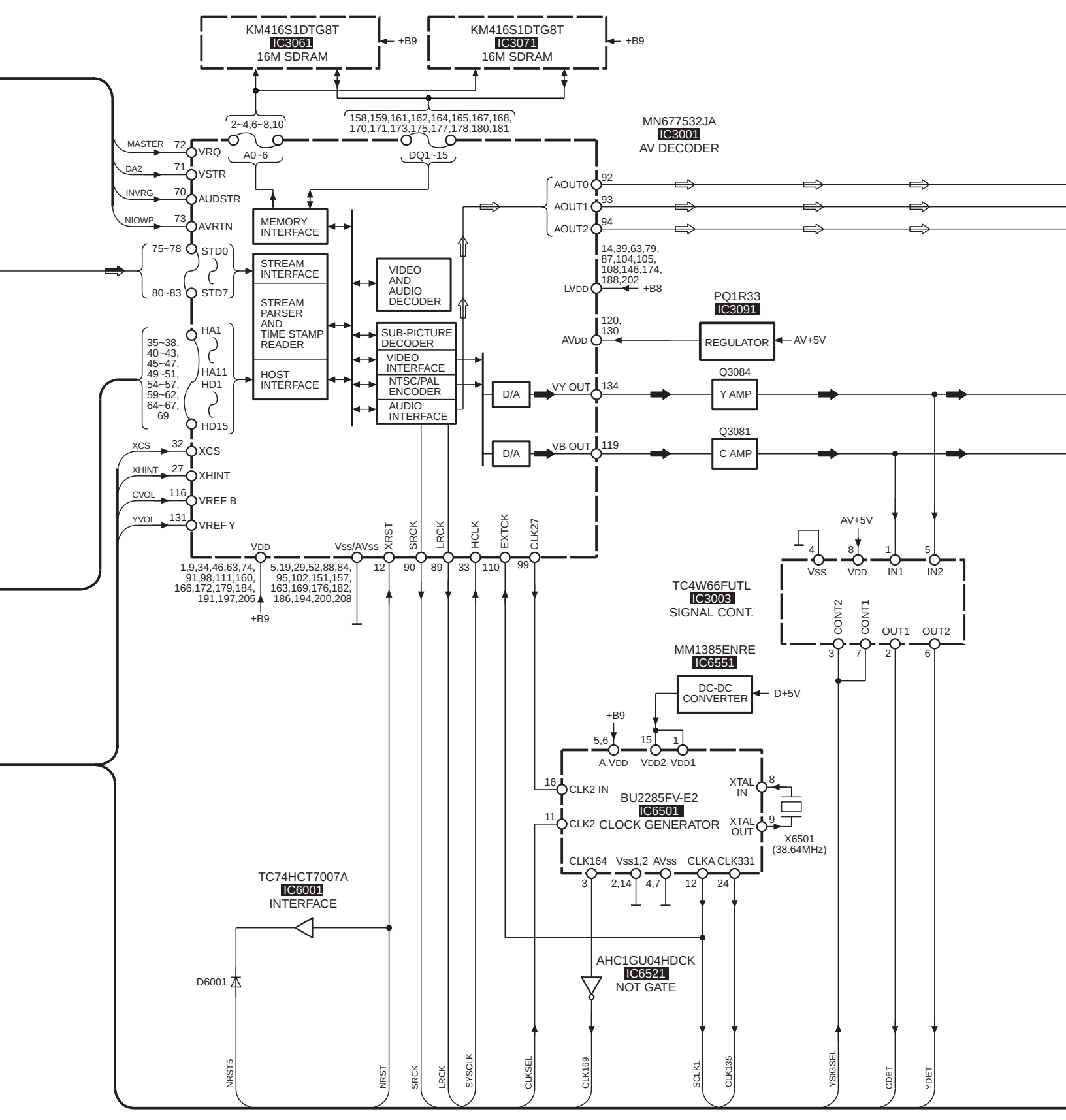


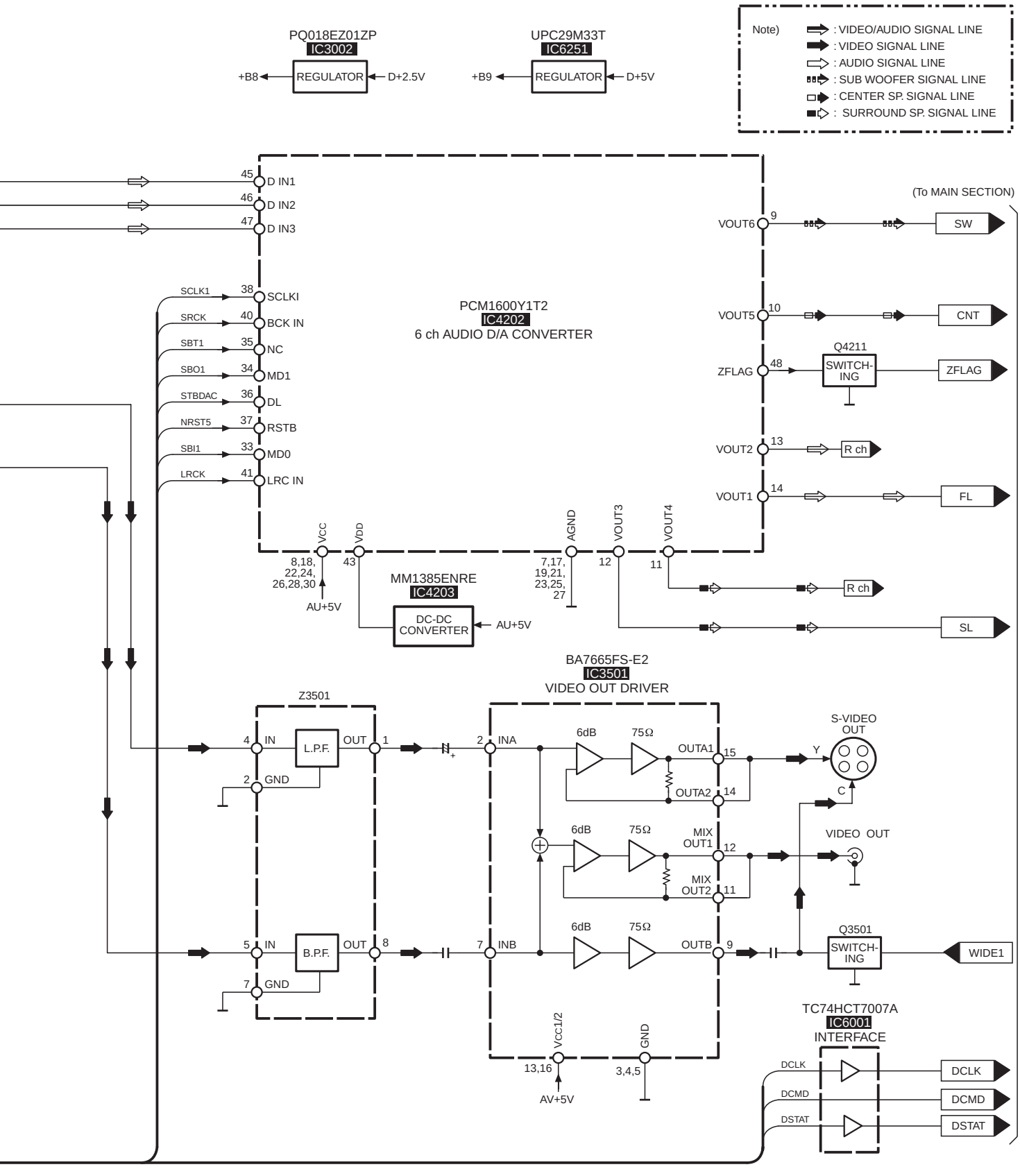
Printed in Japan (M000500000MT)

● DVD/VIDEO CD/CD PLAYER SECTION



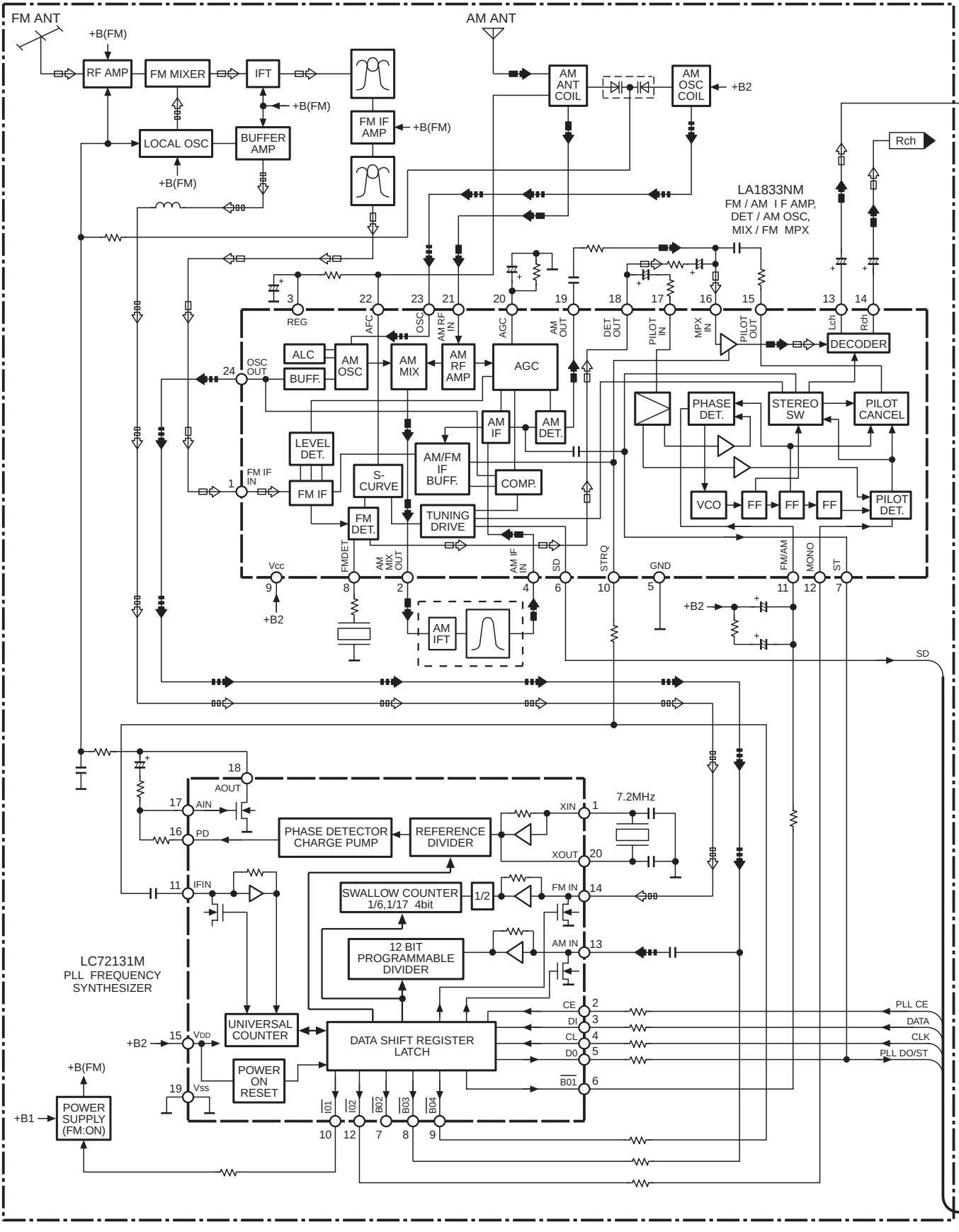

MN103S13BGA
IC7001
OPTICAL DISC CONTROLLER
MN67706EA
IC2001
DIGITAL SERVO CONTROLLER
TC7WU04FUT2L
IC2002
INVERTER
AT25020NSI27
IC6303
EEPROM
PST596JNR
IC6301
RESET
VUB8011B534 ··· [GCS]
VUB8011D534 ··· [GK]
IC6302
4M FLASH ROM
MN102H55GFB
IC6201
CPU
DVD-ROM FORMATTER
FORMATTER I/F
SYNDROME & CHIEN
HOST I/F MPEG I/F
ATAPI
CIRC
CD-PRE
ECC PROCESSOR
DMA
BCU/DRAMC
MASH
SYSTEM I/F
INTC
CGEN
TRAVERSE SW
(To MAIN SECTION)
AMUTE
QR6301
RESET
D+2.5V
+B9
TX
CHCK4
NCLDCK/ JUMP
SUBC
IPFLG
SHPCLK
VREFH
VREF1
NTRON
NTRO
DAC DATA/ LG
LG
DAC LRCK/ JMPINH
JMPIN
SBCK/ PLLOK
PLLOK
BLKCK/ CPDET1
CPDE1
LRCK/ CPDET2
CPDE2
DAT0
DAT3
AVDD
33VDD
25VDD
XRESET
NRST
ENS
ENC
CPUIRQ
ADSCIRQ
CPUCLK
SBT1
CPUDTIN
SBO1
CPUDTOUT
SBI1
SYS CLK
DTRD
BDO
GBAL
TRS DRV
FG
TILTP
TILT
TILTN
IDHLD
ARF
NARF
AD5
AD4
AD3
AD2
AD1
AD0
DA1
DA0
AD6
VHALF
HPF/LPF IN
TBAL
FBAL
OFTR
TSTSG
SPDRV
A/25/33VSS
TRSDRV-B
TRSDRV-A
SRF
BRK
SS
MIRROR
DAC CLK
XCLDCK
BLKCK
MASTER
DA2
INVRG
NIOWP
HDD15
HDD8
PVDD
VDD
S.VDD
5VDD
PVSS
VSS
CPUADR0
CPUADR17
CPUDT0
CPUDT7
NWR,NRD
NCS
P2
NINT1
OSCI1
CLK169
CLK135
+B9
D+2.5V
IRQ3
RST
P61
P53
A00
A19
D0
D15
P51
WAIT
IRQ1
OSCI
TM5IO
SBO1
SBT1
SBI1
A20
A21
A22
PA0
P90
TM6IOB
SYSCLK
AN0
AN1
P63
TM2IO
TM3IO
TM4IO
SBI
SBP0
IRQ4
A23
P52
TM0IO
TM1IO
IRQ2
VREF-
VSS
MODE
VREF+
AVDD
VDD
CDET
YDET
YSIGSEL
DCLK
DCMD
DSTAT
DRVMUTE
CDDVD
HFMON
SEN
XCS
CVOL
YVOL
XHINT

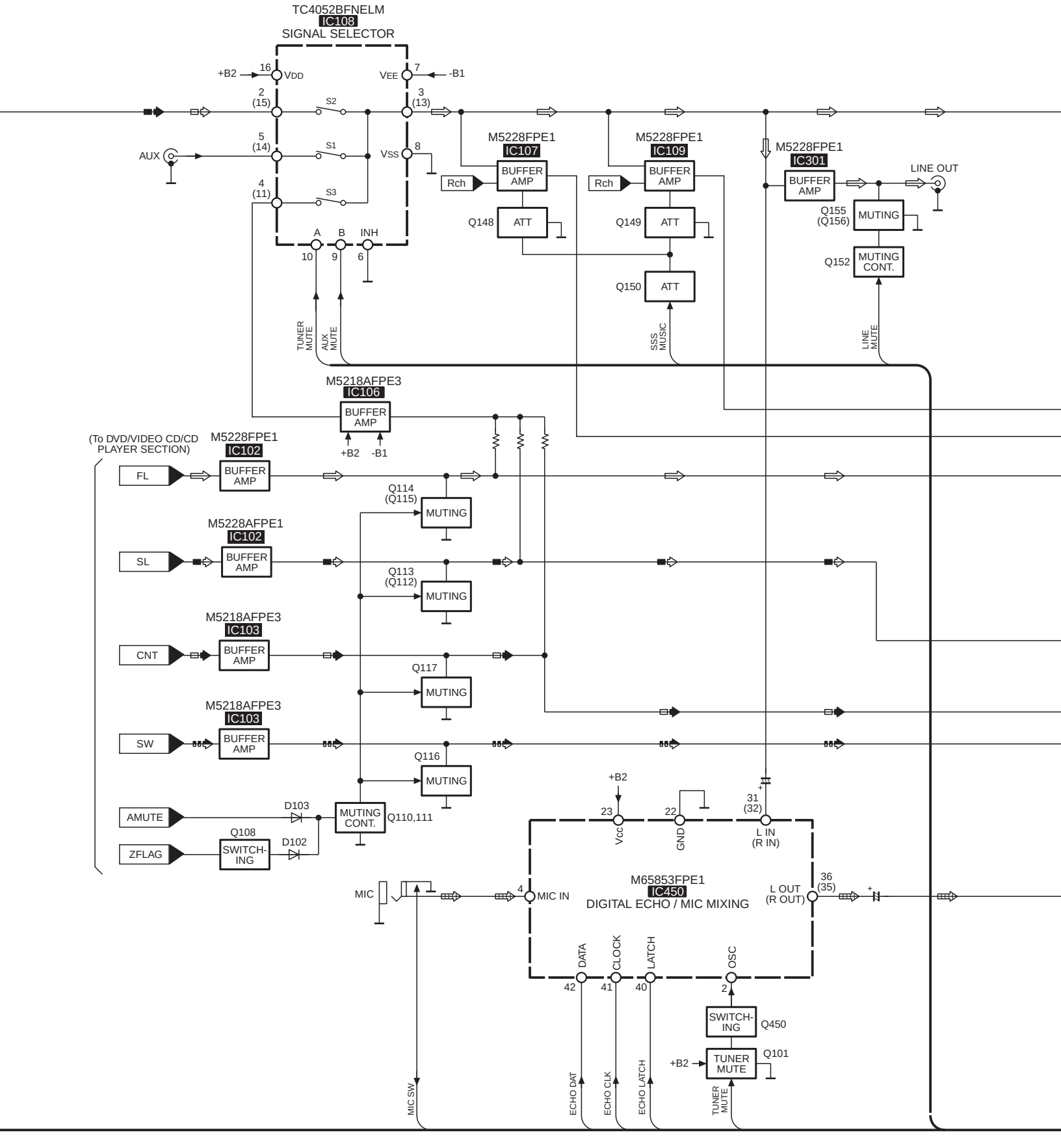

KM416S1DTG8T
IC3061
16M SDRAM
+B9
KM416S1DTG8T
IC3071
16M SDRAM
+B9
2~4,6~8,10
158,159,161,162,164,165,167,168,
170,171,173,175,177,178,180,181
MN677532JA
IC3001
AV DECODER
MASTER
DA2
INVRG
NIOWP
72
71
70
73
VRQ
VSTR
AUDSTR
AVRTN
A0~6
DQ1~15
MEMORY INTERFACE
75~78
80~83
STD0
STD7
STREAM INTERFACE
STREAM PARSER AND TIME STAMP READER
HOST INTERFACE
VIDEO AND AUDIO DECODER
SUB-PICTURE DECODER
VIDEO INTERFACE
NTSC/PAL ENCODER
AUDIO INTERFACE
35~38,
40~43,
45~47,
49~51,
54~57,
59~62,
64~67,
69
HA1
HA11
HD1
HD15
AOUT0
AOUT1
AOUT2
92
93
94
14,39,63,79,
87,104,105,
108,146,174,
188,202
LVDD
+B8
PQ1R33
IC3091
120,
130
AVDD
REGULATOR
AV+5V
D/A
VY OUT
134
Q3084
Y AMP
D/A
VB OUT
119
Q3081
C AMP
XCS
XHINT
CVOL
YVOL
32
27
116
131
XCS
XHINT
VREF B
VREF Y
VDD
Vss/AVss
XRST
SRCK
LRCK
HCLK
EXTCK
CLK27
1,9,34,46,63,74,
91,98,111,160,
166,172,179,184,
191,197,205
+B9
5,19,29,52,88,84,
95,102,151,157,
163,169,176,182,
186,194,200,208
12
90
89
33
110
99
AV+5V
4
8
1
5
VSS
VDD
IN1
IN2
TC4W66FUTL
IC3003
SIGNAL CONT.
CONT2
CONT1
OUT1
OUT2
3
7
2
6
MM1385ENRE
IC6551
DC-DC CONVERTER
D+5V
+B9
5,6
15
1
A.VDD
VDD2
VDD1
16
CLK2 IN
11
CLK2
BU2285FV-E2
IC6501
CLOCK GENERATOR
XTAL IN
XTAL OUT
8
9
X6501
(38.64MHz)
CLK164
Vss1,2
AVss
CLKA
CLK331
3
2,14
4,7
12
24
TC74HCT7007A
IC6001
INTERFACE
D6001
AHC1GU04HDCK
IC6521
NOT GATE
NRST5
NRST
SRCK
LRCK
SYSCLK
CLKSEL
CLK169
SCLK1
CLK135
YSIGSEL
CDET
YDET

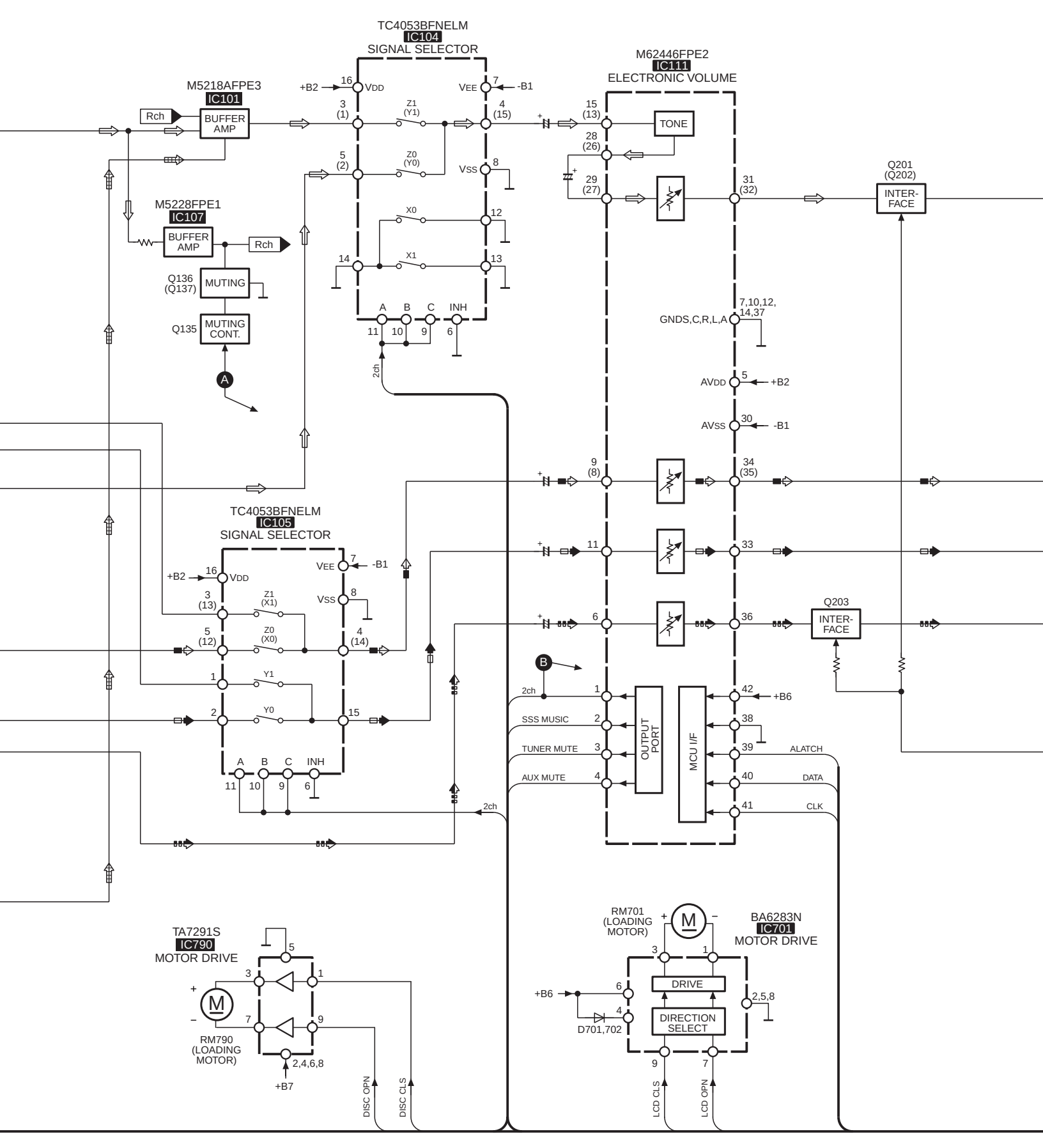

Note)
: VIDEO/AUDIO SIGNAL LINE
: VIDEO SIGNAL LINE
: AUDIO SIGNAL LINE
: SUB WOOFER SIGNAL LINE
: CENTER SP. SIGNAL LINE
: SURROUND SP. SIGNAL LINE
PQ018EZ01ZP
IC3002
+B8
REGULATOR
D+2.5V
UPC29M33T
IC6251
+B9
REGULATOR
D+5V
(To MAIN SECTION)
PCM1600Y1T2
IC4202
6 ch AUDIO D/A CONVERTER
45 D IN1
46 D IN2
47 D IN3
SCLK1 38 SCLKI
SRCK 40 BCK IN
SBT1 35 NC
SBO1 34 MD1
STBDAC 36 DL
NRST5 37 RSTB
SBI1 33 MD0
LRCK 41 LRC IN
VOUT6 9 SW
VOUT5 10 CNT
ZFLAG 48 SWITCH-ING Q4211 ZFLAG
VOUT2 13 R ch
VOUT1 14 FL
VCC 8,18, 22,24, 26,28,30 AU+5V
VDD 43
AGND 7,17, 19,21, 23,25, 27
VOUT3 12 R ch
VOUT4 11 SL
MM1385ENRE
IC4203
DC-DC CONVERTER AU+5V
BA7665FS-E2
IC3501
VIDEO OUT DRIVER
Z3501
4 IN L.P.F. OUT 1
2 GND
2 INA
6dB 75Ω
OUTA1 15 Y
OUTA2 14 C
S-VIDEO OUT
6dB 75Ω
MIX OUT1 12 VIDEO OUT
MIX OUT2 11
5 IN B.P.F. OUT 8
7 GND
7 INB
6dB 75Ω
OUTB 9 SWITCH-ING Q3501 WIDE1
VCC1/2 13,16 AV+5V
GND 3,4,5
TC74HCT7007A
IC6001
INTERFACE
DCLK DCLK
DCMD DCMD
DSTAT DSTAT

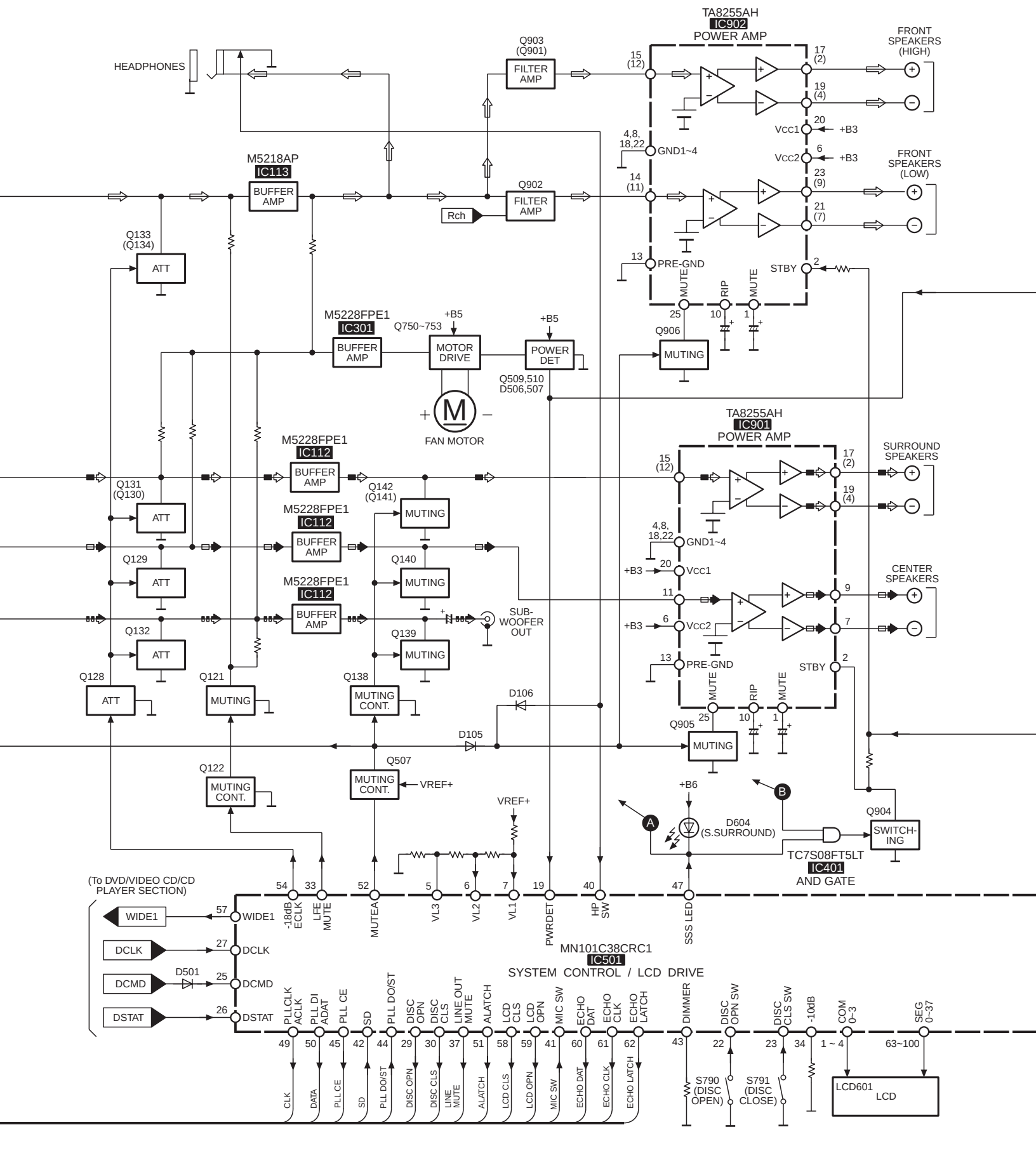
● MAIN SECTION

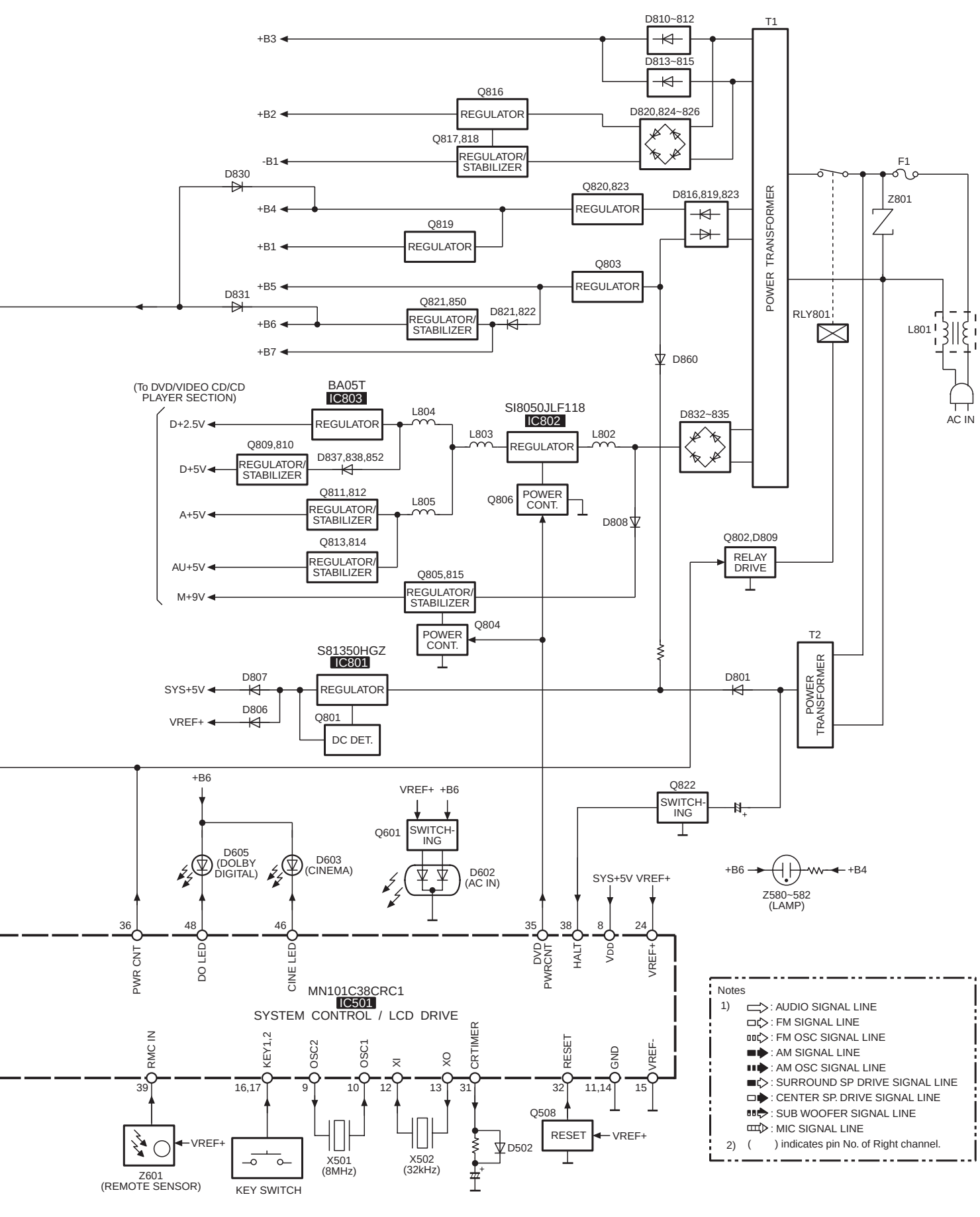
Z101 TUNER UNIT



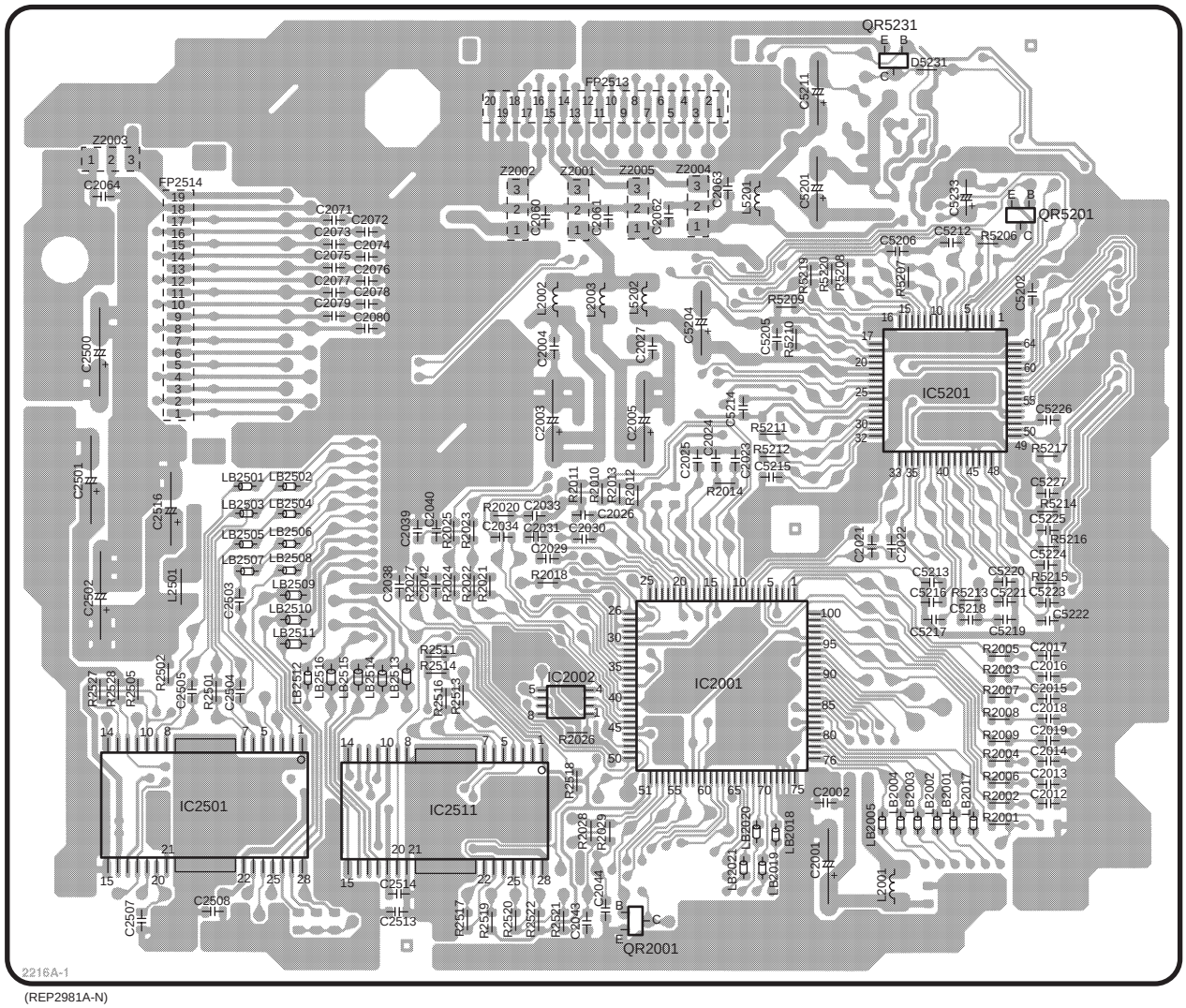

TC4052BFNELM
IC108
SIGNAL SELECTOR
+B2
16
VDD
VEE
7
-B1
2
(15)
S2
3
(13)
AUX
5
(14)
S1
VSS
8
4
(11)
S3
A
B
INH
10
9
6
M5228FPE1
IC107
BUFFER AMP
Rch
Q148
ATT
M5228FPE1
IC109
BUFFER AMP
Rch
Q149
ATT
Q150
ATT
M5228FPE1
IC301
BUFFER AMP
LINE OUT
Q155
(Q156)
MUTING
Q152
MUTING CONT.
TUNER MUTE
AUX MUTE
SSS MUSIC
LINE MUTE
M5218AFPE3
IC106
BUFFER AMP
+B2
-B1
(To DVD/VIDEO CD/CD PLAYER SECTION)
M5228FPE1
IC102
FL
BUFFER AMP
Q114
(Q115)
MUTING
M5228AFPE1
IC102
SL
BUFFER AMP
Q113
(Q112)
MUTING
M5218AFPE3
IC103
CNT
BUFFER AMP
Q117
MUTING
M5218AFPE3
IC103
SW
BUFFER AMP
Q116
MUTING
AMUTE
D103
MUTING CONT.
Q110,111
Q108
ZFLAG
SWITCH-ING
D102
+B2
23
Vcc
22
GND
31
(32)
L IN
(R IN)
MIC
4
MIC IN
M65853FPE1
IC450
DIGITAL ECHO / MIC MIXING
L OUT
(R OUT)
36
(35)
DATA
CLOCK
LATCH
OSC
42
41
40
2
SWITCH-ING
Q450
+B2
TUNER MUTE
Q101
MIC SW
ECHO DAT
ECHO CLK
ECHO LATCH
TUNER MUTE


TC4053BFNELM
IC104
SIGNAL SELECTOR
M5218AFPE3
IC101
BUFFER AMP
Rch
+B2
VDD
VEE
-B1
Z1 (Y1)
Z0 (Y0)
X0
X1
VSS
A
B
C
INH
2ch
M5228FPE1
IC107
BUFFER AMP
Rch
Q136 (Q137)
MUTING
Q135
MUTING CONT.
M62446FPE2
IC111
ELECTRONIC VOLUME
TONE
Q201 (Q202)
INTER-FACE
GNDS,C,R,L,A
AVDD
AVSS
TC4053BFNELM
IC105
SIGNAL SELECTOR
Q203
INTER-FACE
OUTPUT PORT
MCU I/F
SSS MUSIC
TUNER MUTE
AUX MUTE
ALATCH
DATA
CLK
TA7291S
IC790
MOTOR DRIVE
RM790 (LOADING MOTOR)
DISC OPN
DISC CLS
RM701 (LOADING MOTOR)
BA6283N
IC701
MOTOR DRIVE
DRIVE
DIRECTION SELECT
D701,702
LCD CLS
LCD OPN


TA8255AH
IC902
POWER AMP
HEADPHONES
Q903
(Q901)
FILTER
AMP
FRONT
SPEAKERS
(HIGH)
15
(12)
17
(2)
19
(4)
Vcc1
+B3
20
4,8,
18,22
GND1~4
Vcc2
6
+B3
FRONT
SPEAKERS
(LOW)
14
(11)
23
(9)
21
(7)
13
PRE-GND
STBY
2
MUTE
RIP
MUTE
25
10
1
Q906
MUTING
M5218AP
IC113
BUFFER
AMP
Q902
FILTER
AMP
Rch
Q133
(Q134)
ATT
M5228FPE1
IC301
BUFFER
AMP
Q750~753
+B5
MOTOR
DRIVE
+B5
POWER
DET
Q509,510
D506,507
M
FAN MOTOR
TA8255AH
IC901
POWER AMP
SURROUND
SPEAKERS
M5228FPE1
IC112
BUFFER
AMP
Q131
(Q130)
ATT
Q142
(Q141)
MUTING
Q129
Q140
Q132
Q139
Q128
Q121
Q138
MUTING
CONT.
SUB-
WOOFER
OUT
CENTER
SPEAKERS
11
9
7
Q905
D106
D105
Q122
Q507
VREF+
+B6
D604
(S.SURROUND)
Q904
SWITCH-
ING
TC7S08FT5LT
IC401
AND GATE
A
B
(To DVD/VIDEO CD/CD
PLAYER SECTION)
WIDE1
DCLK
DCMD
DSTAT
D501
MN101C38CRC1
IC501
SYSTEM CONTROL / LCD DRIVE
-18dB
ECLK
LFE
MUTE
MUTEA
VL3
VL2
VL1
PWRDET
HP
SW
SSS LED
PLLCLK
ACLK
PLL DI
ADAT
PLL CE
SD
PLL DO/ST
DISC
OPN
DISC
CLS
LINE OUT
MUTE
ALATCH
LCD
CLS
LCD
OPN
MIC SW
ECHO
DAT
ECHO
CLK
ECHO
LATCH
DIMMER
DISC
OPN SW
DISC
CLS SW
-10dB
COM
0~3
SEG
0~37
S790
(DISC
OPEN)
S791
(DISC
CLOSE)
LCD601
LCD


+B3
D810~812
T1
D813~815
Q816
+B2
REGULATOR
D820,824~826
Q817,818
-B1
REGULATOR/
STABILIZER
F1
D830
Q820,823
D816,819,823
+B4
REGULATOR
Z801
Q819
+B1
REGULATOR
Q803
+B5
REGULATOR
D831
Q821,850
D821,822
+B6
REGULATOR/
STABILIZER
RLY801
L801
+B7
D860
POWER TRANSFORMER
AC IN
(To DVD/VIDEO CD/CD
PLAYER SECTION)
BA05T
IC803
SI8050JLF118
IC802
D+2.5V
REGULATOR
L804
L803
L802
D832~835
Q809,810
D+5V
REGULATOR/
STABILIZER
D837,838,852
Q811,812
A+5V
REGULATOR/
STABILIZER
L805
Q806
POWER
CONT.
D808
Q813,814
AU+5V
REGULATOR/
STABILIZER
Q802,D809
RELAY
DRIVE
Q805,815
M+9V
REGULATOR/
STABILIZER
POWER
CONT.
Q804
S81350HGZ
IC801
T2
D807
SYS+5V
REGULATOR
D801
D806
VREF+
Q801
DC DET.
POWER
TRANSFORMER
+B6
VREF+ +B6
Q822
SWITCH-
ING
Q601
SWITCH-
ING
D605
(DOLBY
DIGITAL)
D603
(CINEMA)
D602
(AC IN)
SYS+5V VREF+
+B6
+B4
Z580~582
(LAMP)
36
48
46
35
38
8
24
PWR CNT
DO LED
CINE LED
DVD
PWRCNT
HALT
VDD
VREF+
MN101C38CRC1
IC501
SYSTEM CONTROL / LCD DRIVE
RMC IN
KEY1,2
OSC2
OSC1
XI
XO
CRTIMER
RESET
GND
VREF-
39
16,17
9
10
12
13
31
32
11,14
15
Z601
(REMOTE SENSOR)
VREF+
KEY SWITCH
X501
(8MHz)
X502
(32kHz)
D502
Q508
RESET
VREF+
Notes
1) : AUDIO SIGNAL LINE
: FM SIGNAL LINE
: FM OSC SIGNAL LINE
: AM SIGNAL LINE
: AM OSC SIGNAL LINE
: SURROUND SP DRIVE SIGNAL LINE
: CENTER SP. DRIVE SIGNAL LINE
: SUB WOOFER SIGNAL LINE
: MIC SIGNAL LINE
2) ( ) indicates pin No. of Right channel.

A DVD MODULE(2) P.C.B. (SIDE : A)

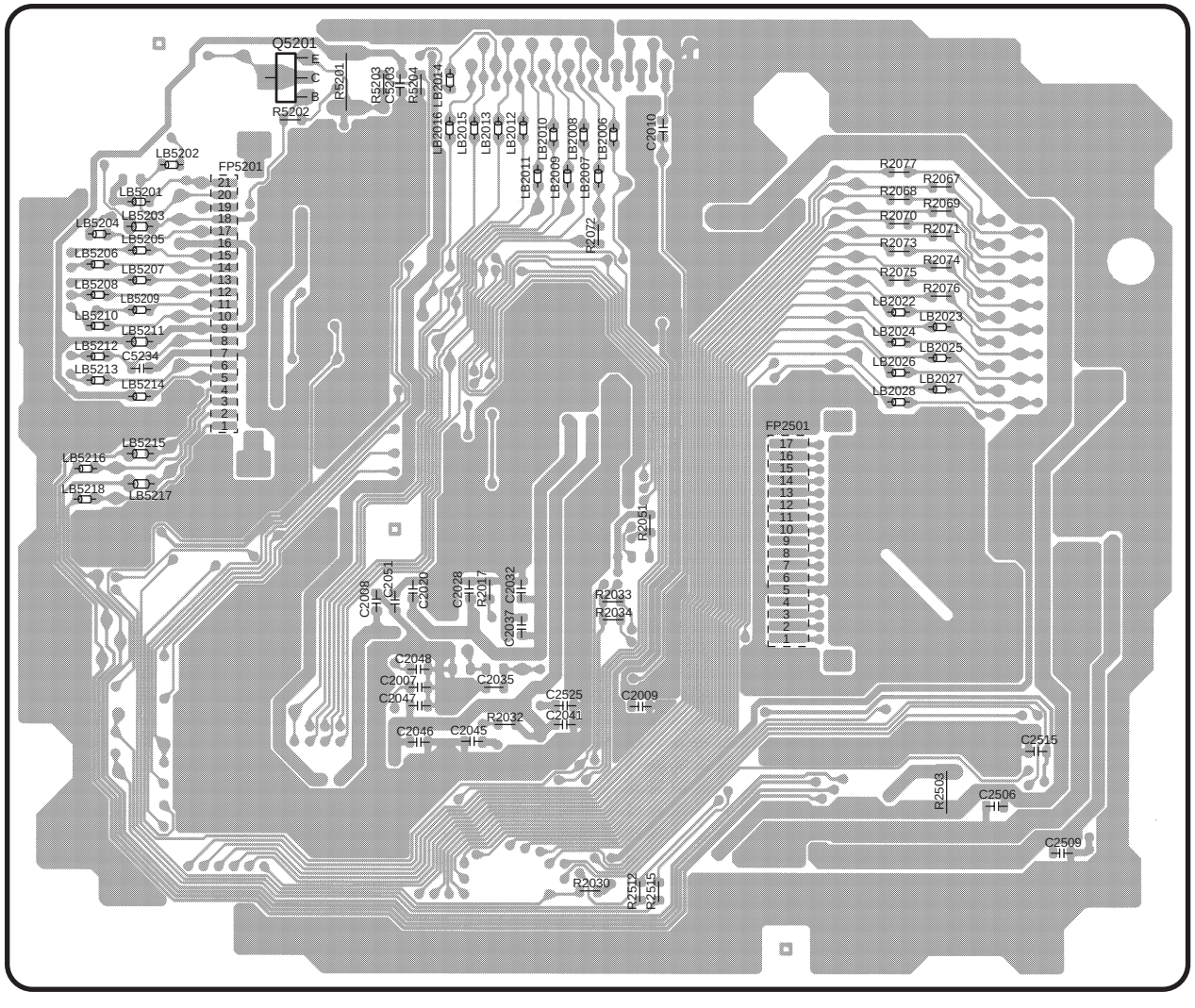


(REP2981A-N)

■ ELECTRICAL PARTS LOCATION

Ref. No.	Lo. No.	Ref. No.	Lo. No.	Ref. No.	Lo. No.	Ref. No.	Lo. No.	Ref. No.	Lo. No.	Ref. No.	Lo. No.	Ref. No.	Lo. No.	Ref. No.	Lo. No.	Ref. No.	Lo. No.	Ref. No.	Lo. No.
A DVD MODULE(2) P.C.B. (SIDE: A)																			
IC2001	4D	Z2005	2D	LB2507	4B	R2010	3D	R2511	4C	R5213	4E	C2019	5F	C2060	2C	C2504	4B	C5218	4E
IC2002	4C	FP2513	2D	LB2508	4B	R2011	3C	R2513	4C	R5214	3F	C2021	4E	C2061	2D	C2505	4B	C5219	4F
IC2501	5B	FP2514	2B	LB2509	4B	R2012	3D	R2514	4C	R5215	4F	C2022	4E	C2062	2D	C2507	5A	C5220	4F
IC2511	5C	LB2001	5E	LB2510	4B	R2013	3D	R2516	4C	R5216	4F	C2023	3D	C2063	2D	C2508	5B	C5221	4F
IC5201	3E	LB2002	5E	LB2511	4B	R2014	3D	R2517	5C	R5217	3F	C2024	3D	C2064	2A	C2513	5C	C5222	4F
QR2001	5D	LB2003	5E	LB2512	4B	R2018	4C	R2518	5C	R5219	2E	C2025	3D	C2071	2B	C2514	5C	C5223	4F
QR5201	2F	LB2004	5E	LB2513	4C	R2020	4C	R2519	5C	R5220	2E	C2026	4D	C2072	2B	C2516	3B	C5224	4F
QR5231	1E	LB2005	5E	LB2514	4C	R2021	4C	R2520	5C	C2001	5E	C2027	3D	C2073	2B	C5201	2E	C5225	4F
D5231	1E	LB2017	5E	LB2515	4B	R2022	4C	R2521	5C	C2002	5E	C2029	4C	C2074	2B	C5202	2F	C5226	3F
L2001	5E	LB2018	5D	LB2516	4B	R2023	4C	R2522	5C	C2003	3C	C2030	4D	C2075	2B	C5204	3D	C5227	3F
L2002	2C	LB2019	5D	R2001	5F	R2024	4C	R2527	4A	C2004	3C	C2031	4C	C2076	2B	C5205	3D	C5233	2E
L2003	2D	LB2020	5D	R2002	5F	R2025	4C	R2528	4A	C2005	3D	C2033	4C	C2077	2B	C5206	2E		
L2501	4B	LB2021	5D	R2003	4F	R2026	5C	R5206	2E	C2012	5F	C2034	4C	C2078	2B	C5211	1E		
L5201	2D	LB2501	3B	R2004	5F	R2027	4C	R5207	2E	C2013	5F	C2038	4C	C2079	3B	C5212	2E		
L5202	2D	LB2502	3B	R2005	4F	R2028	5D	R5208	2E	C2014	5F	C2039	4C	C2080	3B	C5213	4E		
Z2001	2C	LB2503	4B	R2006	5F	R2029	5D	R5209	3D	C2015	4F	C2040	4C	C2500	3A	C5214	3D		
Z2002	2C	LB2504	4B	R2007	4F	R2501	4B	R5210	3E	C2016	4F	C2042	4C	C2501	3A	C5215	3D		
Z2003	2A	LB2505	4B	R2008	4F	R2502	4B	R5211	3D	C2017	4F	C2043	5D	C2502	4A	C5216	4E		
Z2004	2D	LB2506	4B	R2009	5F	R2505	4A	R5212	3D	C2018	4F	C2044	5D	C2503	4B	C5217	4E		

A DVD MODULE(2) P.C.B. (SIDE : B)



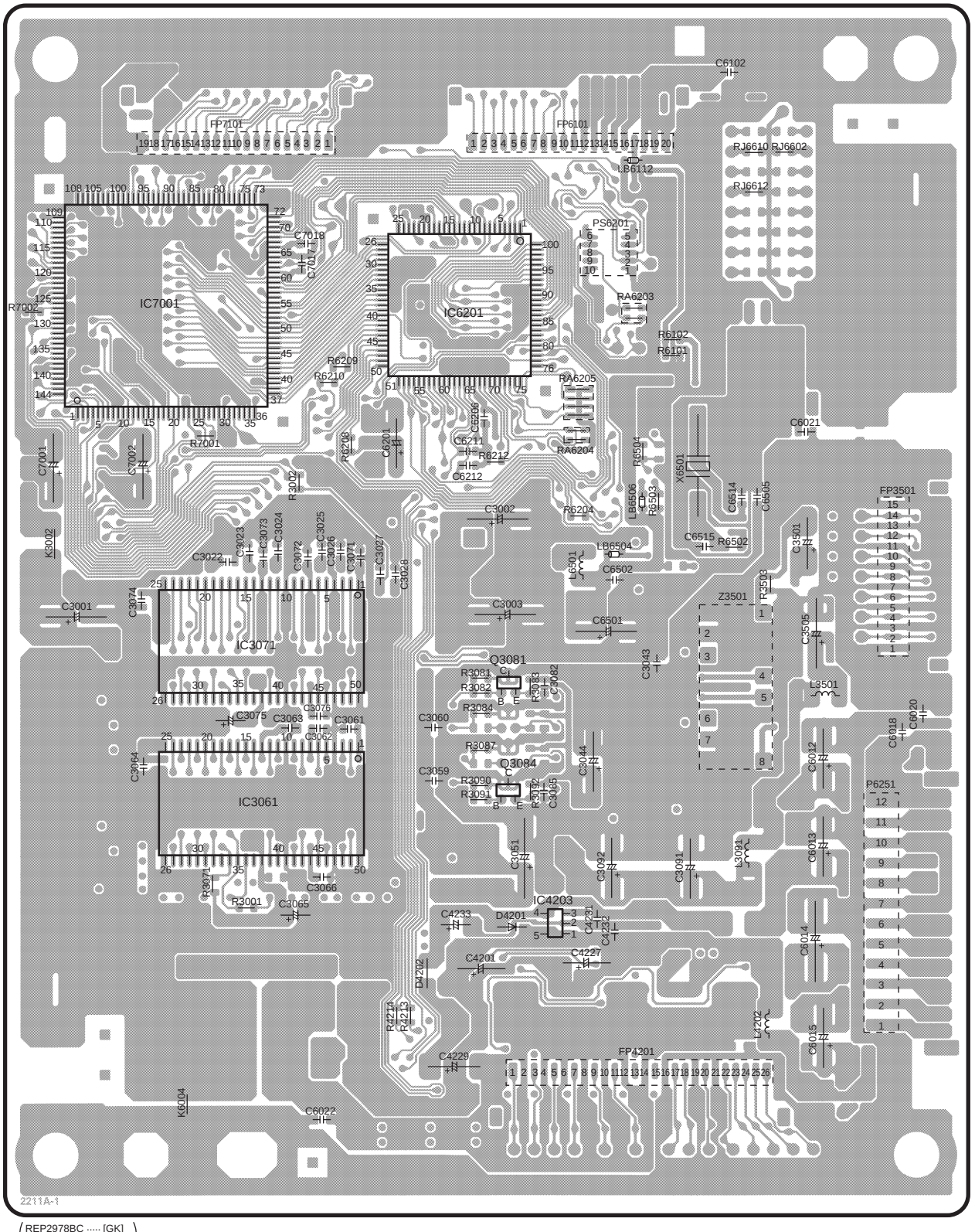
■ ELECTRICAL PARTS LOCATION

Ref. No.	Lo. No.	Ref. No.	Lo. No.	Ref. No.	Lo. No.	Ref. No.	Lo. No.	Ref. No.	Lo. No.	Ref. No.	Lo. No.	Ref. No.	Lo. No.	Ref. No.	Lo. No.
A DVD MODULE(2) P.C.B. (SIDE: B)															
Q5201	1H	LB2014	1I	LB5202	2G	LB5213	3G	R2051	4J	R2077	2K	C2010	2J	C2051	4H
FP2501	4J	LB2015	2I	LB5203	2G	LB5214	3G	R2067	2K	R2503	5K	C2020	4I	C2506	5K
FP5201	2H	LB2016	2I	LB5204	2G	LB5215	3G	R2068	2K	R2512	5J	C2028	4I	C2509	5L
LB2006	2I	LB2022	3K	LB5205	2G	LB5216	3G	R2069	2K	R2515	5J	C2032	4I	C2515	5K
LB2007	2I	LB2023	3K	LB5206	2G	LB5217	3G	R2070	2K	R5201	1H	C2035	4I	C2525	4I
LB2008	2I	LB2024	3K	LB5207	2G	LB5218	3G	R2071	2K	R5202	2H	C2037	4I	C5203	1H
LB2009	2I	LB2025	3K	LB5208	2G	R2017	4I	R2072	2I	R5203	1H	C2041	4I	C5234	3G
LB2010	2I	LB2026	3K	LB5209	3G	R2030	5I	R2073	2K	R5204	1I	C2045	5I		
LB2011	2I	LB2027	3K	LB5210	3G	R2032	4I	R2074	2K	C2007	4I	C2046	5I		
LB2012	2I	LB2028	3K	LB5211	3G	R2033	4I	R2075	2K	C2008	4H	C2047	4I		
LB2013	2I	LB5201	2G	LB5212	3G	R2034	4I	R2076	2K	C2009	4J	C2048	4I		

A B C D E F

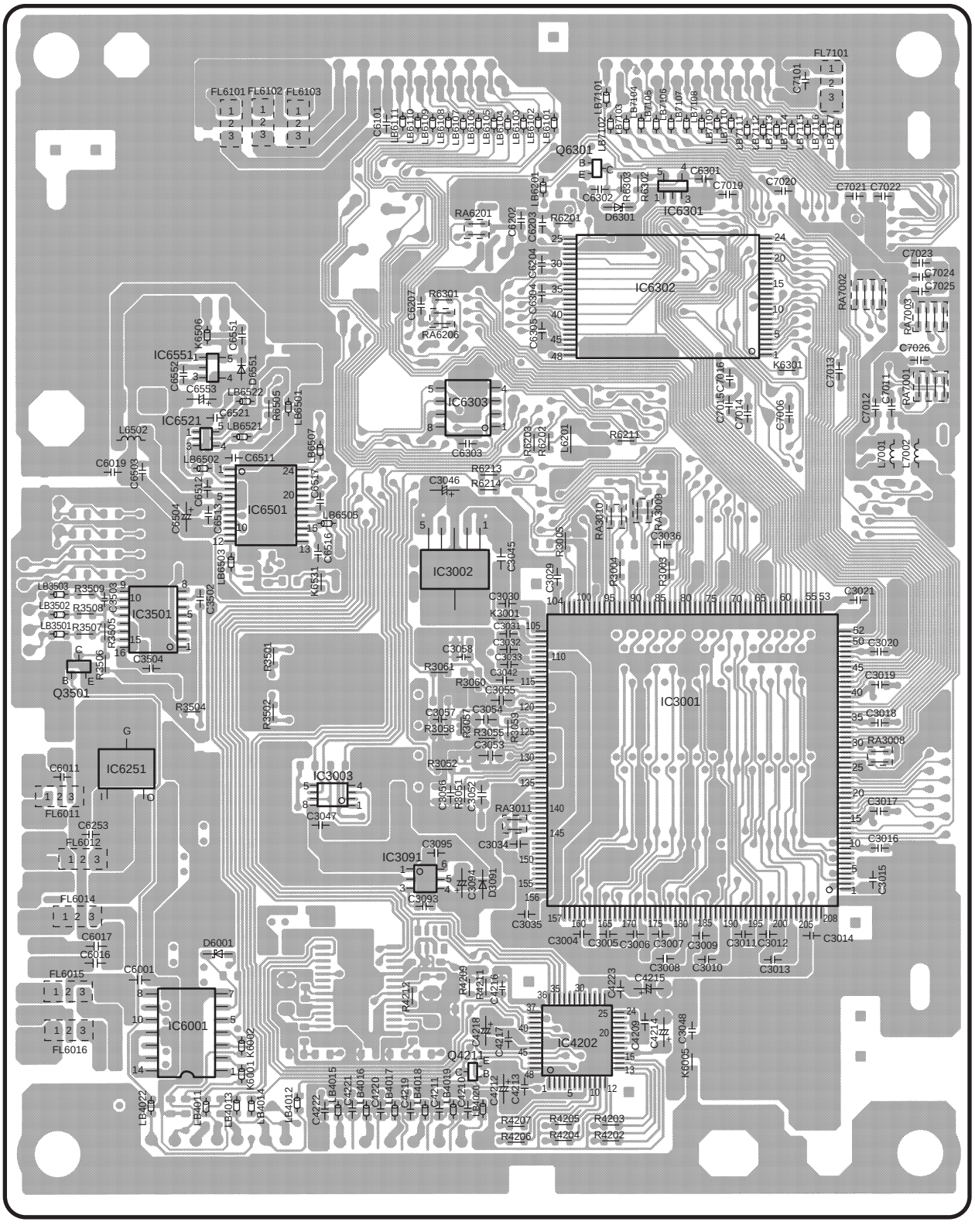
1 2 3 4 5 6 7 8

B DVD MODULE(1) P.C.B. (SIDE : A)



(REP2978BC ..... [GK]
REP2978BD ..... [GCS])

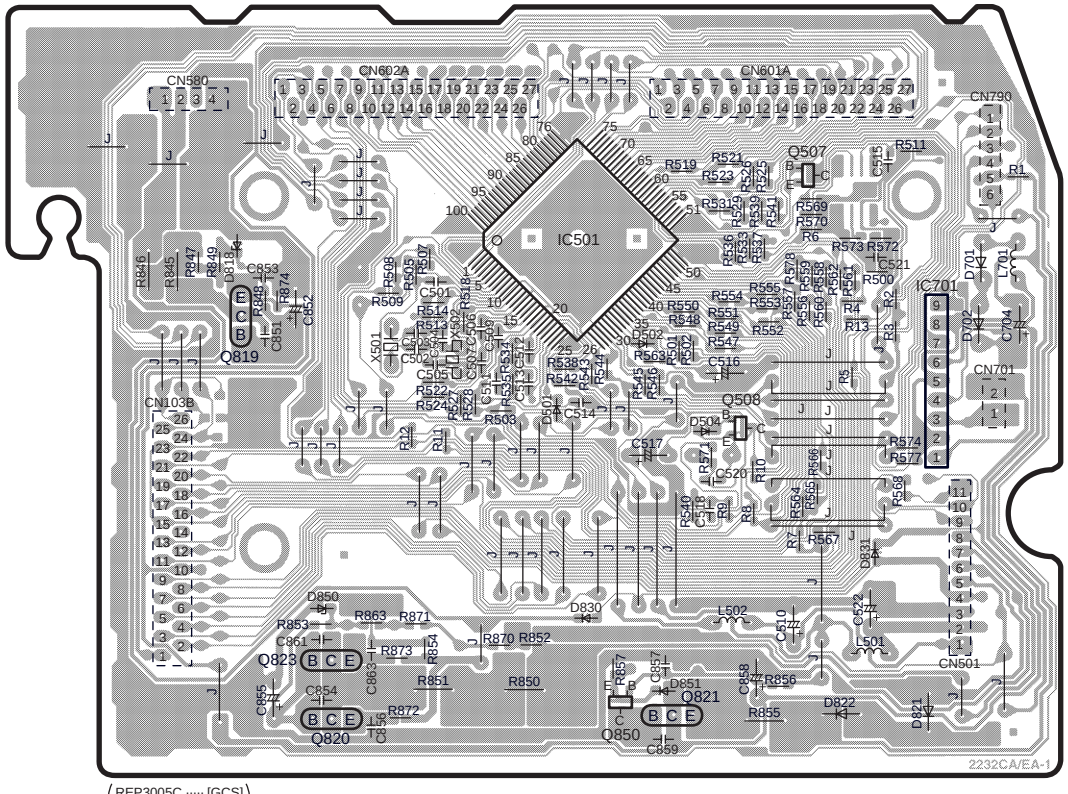
B DVD MODULE(1) P.C.B. (SIDE : B)



■ ELECTRICAL PARTS LOCATION

Ref. No.	Lo. No.	Ref. No.	Lo. No.	Ref. No.	Lo. No.	Ref. No.	Lo. No.	Ref. No.	Lo. No.	Ref. No.	Lo. No.
B DVD MODULE(1) P.C.B. (SIDE: A)											
IC3061	6B	K6004	8B	R6101	3E	C3003	5D	C3072	4B	C6015	7E
IC3071	5B	LB6112	2D	R6102	3E	C3022	4B	C3073	4B	C6018	5F
IC4203	7D	LB6504	4D	R6204	4D	C3023	4B	C3074	5B	C6020	5F
IC6201	3C	LB6506	4D	R6208	4C	C3024	4B	C3075	5B	C6021	4E
IC7001	3B	P6251	6F	R6209	3C	C3025	4C	C3076	5C	C6022	8C
Q3081	5D	PS6201	3D	R6210	3C	C3026	4C	C3082	5D	C6102	2E
Q3084	6D	R3001	6B	R6212	4D	C3027	4C	C3085	6D	C6201	4C
D4201	7D	R3002	4B	R6502	4E	C3028	4C	C3091	6E	C6206	4D
D4202	7C	R3071	6B	R6503	4E	C3043	5E	C3092	6D	C6211	4C
L3091	6E	R3081	5D	R6504	4D	C3044	6D	C3501	4E	C6212	4C
L3501	5F	R3082	5D	R7001	4B	C3051	6D	C3505	5E	C6501	5D
L4202	7E	R3083	5D	R7002	3A	C3059	6C	C4201	7D	C6502	5D
L6501	4D	R3084	5D	RA6203	3D	C3060	5C	C4227	7D	C6505	4E
Z3501	5E	R3087	6D	RA6204	4D	C3061	5C	C4229	7C	C6514	4E
X6501	4E	R3090	6C	RA6205	3D	C3062	5C	C4231	6D	C6515	4E
FP3501	4F	R3091	6C	RJ6602	2E	C3063	5B	C4232	7D	C7001	4A
FP4201	7D	R3092	6D	RJ6610	2E	C3064	6B	C4233	7C	C7002	4B
FP6101	2D	R3503	5E	RJ6612	2E	C3065	6B	C6012	6E	C7017	3B
FP7101	2B	R4213	7C	C3001	5A	C3066	6C	C6013	6E	C7018	3B
K3002	4A	R4214	7C	C3002	4D	C3071	4C	C6014	7E		
B DVD MODULE(1) P.C.B. (SIDE: B)											
IC3001	6K	LB3501	5G	LB7109	2K	R6211	4J	C3036	4J	C6203	2J
IC3002	4I	LB3502	5G	LB7110	2K	R6213	4I	C3042	5J	C6204	3J
IC3003	6H	LB3503	5G	LB7111	2K	R6214	4I	C3045	4I	C6207	3I
IC3091	6I	LB4011	8H	LB7112	2K	R6301	3I	C3046	4I	C6253	6G
IC3501	5G	LB4012	8H	LB7113	2K	R6302	2J	C3047	6H	C6301	2K
IC4202	7J	LB4013	8H	LB7114	2K	R6303	2J	C3048	7K	C6302	2J
IC6001	7H	LB4014	8H	LB7115	2K	R6505	3H	C3052	6I	C6303	4I
IC6251	6G	LB4015	8I	LB7116	2K	RA3008	6L	C3053	6I	C6304	3J
IC6301	2J	LB4016	8I	LB7117	2K	RA3009	4J	C3054	5I	C6305	3J
IC6302	3J	LB4017	8I	TP6010	7G	RA3010	4J	C3055	5I	C6503	4G
IC6303	3I	LB4018	8I	R3003	4J	RA3011	6J	C3056	6I	C6504	4H
IC6501	4H	LB4019	8I	R3004	4J	RA6201	2I	C3057	5I	C6511	4H
IC6521	4H	LB4020	8I	R3005	4J	RA6206	3I	C3058	5I	C6512	4H
IC6551	3H	LB4022	8G	R3051	6I	RA7001	3L	C3093	6I	C6513	4H
Q3501	5G	LB6101	2J	R3052	6I	RA7002	3L	C3094	6I	C6516	4H
Q4211	7I	LB6102	2J	R3055	5I	RA7003	3L	C3095	6I	C6517	4H
Q6301	2J	LB6103	2J	R3057	5I	C3004	7J	C3502	5H	C6521	4H
D3091	6I	LB6104	2I	R3058	5I	C3005	7J	C3503	5G	C6551	3H
D6001	7H	LB6105	2I	R3059	5J	C3006	7J	C3504	5G	C6552	3H
D6301	2J	LB6106	2I	R3060	5I	C3007	7J	C4209	7J	C6553	3H
D6551	3H	LB6107	2I	R3061	5I	C3008	7J	C4210	8I	C7006	4K
L6201	4J	LB6108	2I	R3501	5H	C3009	7K	C4211	8I	C7011	3L
L6502	4G	LB6109	2I	R3502	5H	C3010	7K	C4212	7I	C7012	3L
L7001	4L	LB6110	2I	R3504	5H	C3011	7K	C4213	7J	C7013	3K
L7002	4L	LB6111	2I	R3505	5G	C3012	7K	C4214	7J	C7014	4K
FL6011	6G	LB6201	2J	R3506	5G	C3013	7K	C4215	7J	C7015	3K
FL6012	6G	LB6501	3H	R3507	5G	C3014	7K	C4216	7I	C7016	3K
FL6014	6G	LB6502	4H	R3508	5G	C3015	6L	C4217	7J	C7019	2K
FL6015	7G	LB6503	4H	R3509	5G	C3016	6L	C4218	7I	C7020	2K
FL6016	7G	LB6505	4H	R4202	8J	C3017	6L	C4219	8I	C7021	2L
FL6101	2H	LB6507	4H	R4203	8J	C3018	5L	C4220	8I	C7022	2L
FL6102	2H	LB6521	4H	R4204	8J	C3019	5L	C4221	8I	C7023	3L
FL6103	2H	LB6522	3H	R4205	8J	C3020	5L	C4222	8H	C7024	3L
FL7101	2K	LB7101	2J	R4206	8J	C3021	5L	C4223	7J	C7025	3L
K3001	5I	LB7102	2J	R4207	8J	C3029	4J	C6001	7G	C7026	3L
K6001	7H	LB7103	2J	R4209	7I	C3030	5I	C6011	6G	C7101	2K
K6002	7H	LB7104	2J	R4211	7I	C3031	5J	C6016	7G		
K6005	7K	LB7105	2J	R4212	7I	C3032	5J	C6017	7G		
K6301	3K	LB7106	2J	R6201	2J	C3033	5J	C6019	4G		
K6506	3H	LB7107	2K	R6202	4J	C3034	6J	C6101	2I		
K6531	5H	LB7108	2K	R6203	4J	C3035	6J	C6202	2J		

G SYSTEM CONTROL P.C.B.

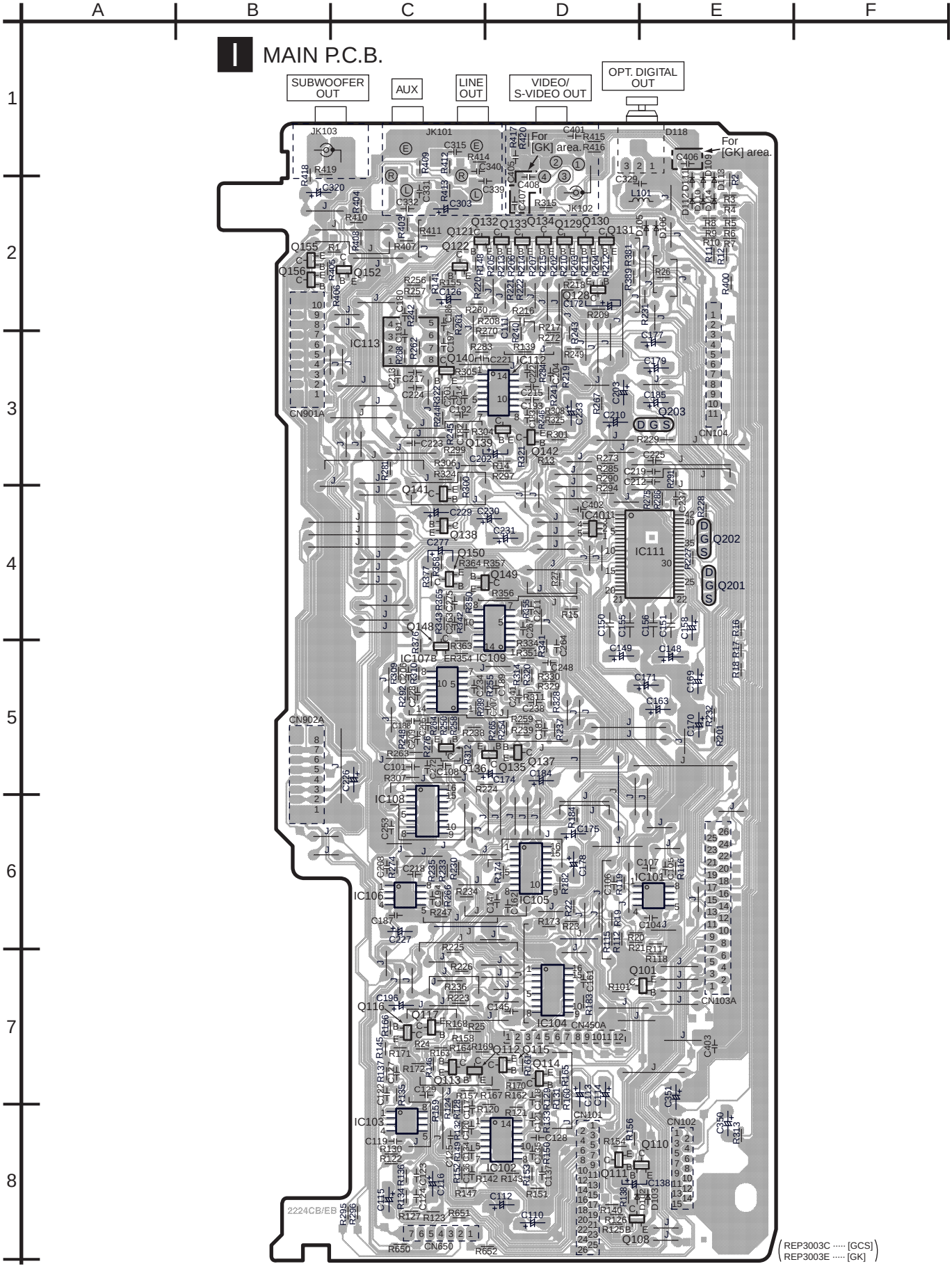


(REP3005C ····· [GCS]
REP3005E ····· [GK])

■ ELECTRICAL PARTS LOCATION

Ref. No.	Lo. No.	Ref. No.	Lo. No.	Ref. No.	Lo. No.	Ref. No.	Lo. No.	Ref. No.	Lo. No.	Ref. No.	Lo. No.
G SYSTEM CONTROL P.C.B.											
IC501	3D	CN580	2B	R514	3C	R548	3D	R578	3E	C510	4E
IC701	3E	CN601A	2E	R518	3C	R549	3D	R845	3B	C511	3C
Q507	2E	CN602A	2C	R519	2D	R550	3D	R846	3B	C512	3C
Q508	3D	CN701	3F	R521	2D	R551	3D	R847	3B	C513	3C
Q819	3B	CN790	2F	R522	3C	R552	3E	R848	3B	C514	3D
Q820	5C	R1	2F	R523	2D	R553	3E	R849	3B	C515	2E
Q821	5D	R2	3E	R524	3C	R554	3D	R850	5C	C516	3D
Q823	4C	R3	3E	R525	2E	R555	3E	R851	5C	C517	3D
Q850	5D	R4	3E	R526	2D	R556	3E	R852	4C	C518	4D
D501	3D	R5	3E	R527	3C	R557	3E	R853	4C	C520	4D
D502	3D	R6	2E	R528	3C	R558	3E	R854	4C	C521	3E
D504	3D	R7	4E	R529	2D	R559	3E	R855	5E	C522	4E
D701	3E	R8	4D	R531	2D	R560	3E	R856	5E	C704	3F
D702	3E	R9	4D	R533	3D	R561	3E	R857	4D	C851	3B
D818	3B	R10	4D	R534	3C	R562	3E	R863	4C	C852	3B
D821	5E	R11	3C	R535	3C	R563	3D	R870	4C	C853	3B
D822	5E	R12	3C	R536	3D	R564	4E	R871	4C	C854	5C
D830	4D	R13	3E	R537	3E	R565	4E	R872	5C	C855	5B
D831	4E	R500	3E	R538	3D	R566	4E	R873	4C	C856	5C
D850	4C	R501	3D	R539	2E	R567	4E	R874	3B	C857	4D
D851	5D	R502	3D	R540	4D	R568	4E	C501	3C	C858	4D
L501	4E	R503	3C	R541	2E	R569	2E	C502	3C	C859	5D
L502	4D	R505	3C	R542	3D	R570	2E	C503	3C	C861	4C
L701	3F	R507	3C	R543	3D	R571	3D	C504	3C	C863	4C
X501	3C	R508	3C	R544	3D	R572	3E	C505	3C		
X502	3C	R509	3C	R545	3D	R573	3E	C506	3C		
CN103B	4B	R511	2E	R546	3D	R574	3E	C507	3C		
CN501	4E	R513	3C	R547	3D	R577	4E	C509	3C		

I MAIN P.C.B.


A
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7
8
SUBWOOFER OUT
AUX
LINE OUT
VIDEO/ S-VIDEO OUT
OPT. DIGITAL OUT
JK103
JK101
JK102
For [GK] area.
For [GK] area.
IC113
IC112
IC111
IC107
IC109
IC108
IC106
IC105
IC101
IC104
IC103
IC102
IC401
Q155
Q156
Q152
Q121
Q122
Q132
Q133
Q134
Q129
Q130
Q131
Q128
Q140
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Q141
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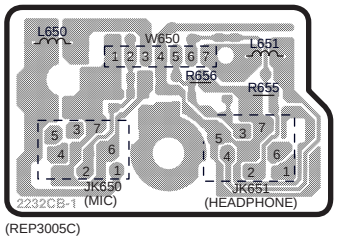
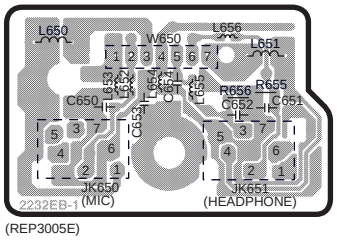
Q135
Q137
Q203
Q202
Q201
Q101
Q116
Q117
Q112
Q115
Q114
Q113
Q110
Q111
Q108
CN901A
CN902A
CN650
CN104
CN103A
CN450A
CN102
2224CB/EB
REP3003C ····· [GCS]
REP3003E ····· [GK]

H HEADPHONE/ MIC JACK P.C.B.
For [GCS] area.



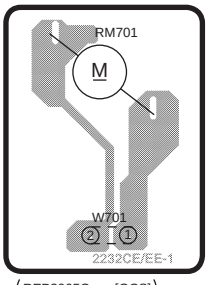
(REP3005C)

H HEADPHONE/ MIC JACK P.C.B.
For [GK] area.



(REP3005E)

D LOADING MOTOR (DISPLAY)P.C.B.



(REP3005C ····· [GCS]
REP3005E ····· [GK])

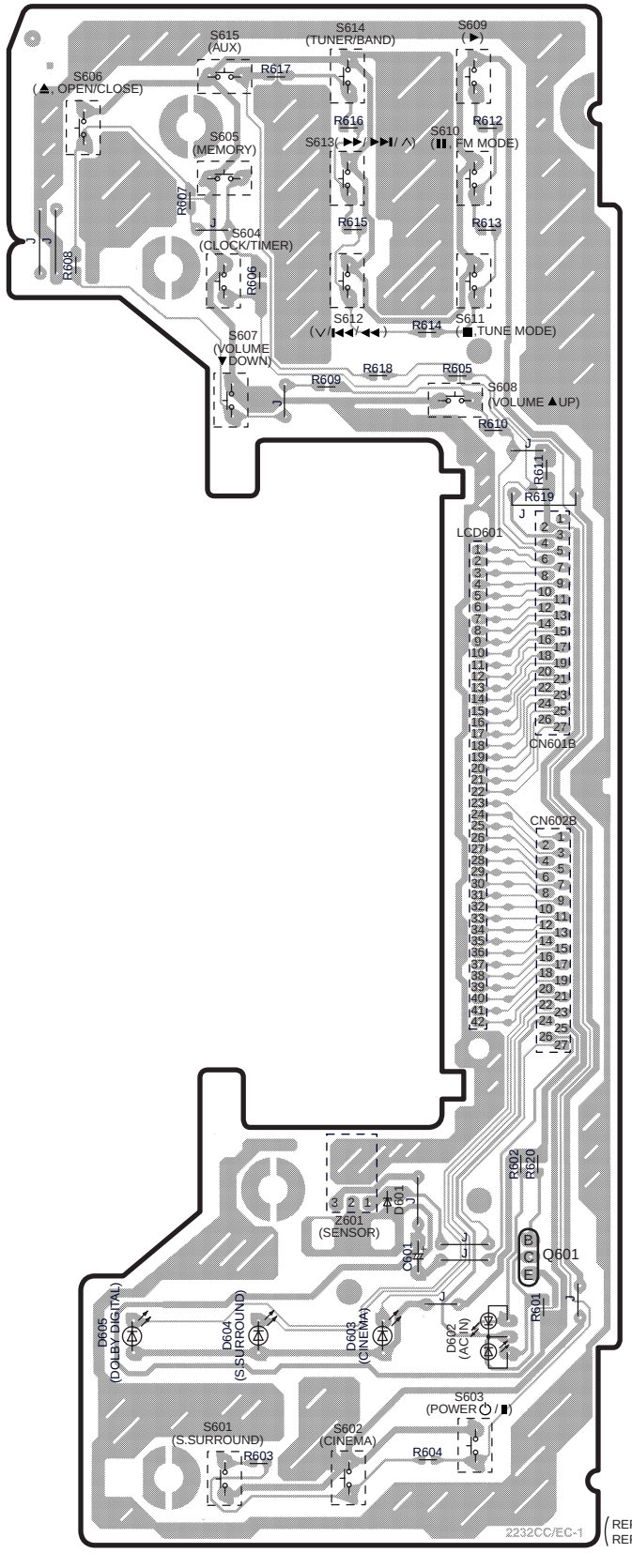
■ ELECTRICAL PARTS LOCATION

Ref. No.	Lo. No.	Ref. No.	Lo. No.	Ref. No.	Lo. No.	Ref. No.	Lo. No.	Ref. No.	Lo. No.	Ref. No.	Lo. No.	Ref. No.	Lo. No.	Ref. No.	Lo. No.
I MAIN P.C.B.															
IC101	6E	D111	2E	R124	8C	R203	2D	R261	2C	R351	5D	C124	8C	C208	6C
IC102	8D	D112	2E	R125	8D	R204	2D	R262	3C	R354	5C	C125	8C	C209	5C
IC103	8C	D113	2E	R126	8D	R205	2D	R263	5C	R355	4D	C126	2C	C210	3D
IC104	7D	D114	2E	R127	8C	R206	2D	R264	5C	R356	4D	C127	7C	C211	4D
IC105	6D	L101	2E	R128	8C	R207	2D	R265	5D	R357	4D	C128	8D	C212	3E
IC106	6C	D118	1E	R129	7D	R208	2D	R266	6C	R358	4C	C129	7C	C213	3C
IC107	5C	CN101	8D	R130	8C	R209	2D	R267	3D	R363	5C	C134	8C	C214	3C
IC108	6C	CN102	8E	R131	7D	R210	2D	R268	3C	R364	4C	C135	8D	C215	3D
IC109	4D	CN103A	6E	R132	8C	R211	2D	R270	3D	R365	4C	C136	8C	C217	3C
IC111	4E	CN104	3E	R133	8D	R212	2D	R272	3D	R376	5C	C137	8D	C218	6C
IC112	3D	CN450A	7D	R134	8C	R213	2D	R273	3D	R377	4C	C138	8D	C219	3E
IC113	3C	CN650	8C	R135	7C	R214	2D	R274	6C	R381	2D	C145	7D	C221	3C
IC401	4D	CN901A	3B	R136	8C	R215	2D	R275	4E	R389	2D	C147	6D	C222	3D
Q101	7E	CN902A	5B	R137	7C	R216	2D	R276	5C	R400	2E	C148	5E	C223	3C
Q108	8D	JK101	1C	R138	8D	R217	3D	R281	3C	R403	2C	C149	5D	C224	3C
Q110	8E	JK102	1D	R139	3D	R218	2D	R283	3C	R404	2C	C150	4D	C225	3E
Q111	8D	JK103	1B	R140	8D	R219	3D	R284	3D	R405	2B	C151	4E	C226	5C
Q112	7C	R1	2C	R141	2C	R220	2C	R285	3D	R406	2C	C155	4D	C227	6C
Q113	7C	R2	2E	R142	8D	R221	2D	R286	4E	R407	2C	C156	4E	C228	5C
Q114	7D	R3	2E	R143	8D	R222	2D	R289	5C	R408	2C	C158	4E	C229	4C
Q115	7D	R4	2E	R145	7C	R223	7C	R290	3D	R409	1C	C161	7D	C230	4D
Q116	7C	R5	2E	R146	7C	R224	5D	R291	3E	R410	2C	C162	6D	C231	4D
Q117	7C	R6	2E	R147	8C	R225	7C	R292	5C	R411	2C	C163	5E	C233	3D
Q121	2C	R7	2E	R148	2C	R226	7C	R294	4D	R412	1C	C169	5E	C234	5C
Q122	2C	R8	2E	R149	8C	R227	4E	R295	8C	R413	2C	C170	5E	C237	4E
Q128	2D	R9	2E	R150	8D	R228	4E	R296	8C	R414	1C	C171	5E	C238	5D
Q129	2D	R10	2E	R151	8D	R229	3E	R297	3D	R415	1D	C172	2D	C241	5D
Q130	2D	R11	2E	R152	8C	R230	6C	R299	3C	R416	1D	C174	5D	C248	5D
Q131	2D	R12	2E	R153	8D	R231	2E	R300	3C	R417	1D	C175	6D	C253	6C
Q132	2D	R13	3D	R154	8D	R232	5E	R301	3D	R418	1B	C177	3E	C263	4C
Q133	2D	R14	3D	R155	2C	R233	6C	R304	3C	R419	1B	C178	6D	C264	5D
Q134	2D	R15	4D	R156	8D	R234	6C	R305	3C	R420	1D	C179	3E	C267	4D
Q135	5D	R16	4E	R157	7C	R235	6C	R306	3C	R650	8C	C180	2C	C272	5C
Q136	5C	R17	5E	R158	7C	R236	7C	R307	5C	R651	8C	C181	5D	C275	4C
Q137	5D	R18	5E	R159	8C	R237	5D	R308	3D	R652	8D	C182	3C	C277	4C
Q138	4C	R19	6D	R160	7D	R238	5C	R309	5C	C101	5C	C183	3D	C303	2C
Q139	3D	R20	6D	R161	7D	R239	5D	R310	5C	C104	6E	C184	5D	C315	1C
Q140	3C	R21	6D	R162	7D	R240	3D	R311	5D	C105	6E	C185	3E	C320	2B
Q141	4C	R22	6D	R163	7C	R241	3D	R312	5C	C106	6D	C186	2C	C329	2E
Q142	3D	R23	6D	R164	7C	R242	2C	R313	8E	C107	6E	C187	6C	C331	2C
Q148	5C	R24	7C	R165	7D	R243	3D	R314	5D	C108	5C	C188	5C	C332	2C
Q149	4C	R25	7C	R166	7C	R244	3C	R315	2D	C110	8D	C189	5D	C339	2C
Q150	4C	R26	2E	R167	7D	R245	3C	R320	5D	C111	3D	C191	3C	C340	1C
Q152	2C	R27	4D	R168	7C	R246	3D	R321	3D	C112	8D	C192	3C	C350	8E
Q155	2B	R101	7D	R169	7C	R247	6C	R322	3C	C113	7D	C193	3D	C351	7E
Q156	2B	R112	6D	R170	7D	R248	5C	R324	3C	C114	7D	C194	6C	C401	1D
Q201	4E	R115	6D	R171	7C	R249	3D	R325	3D	C115	8C	C196	7C	C402	4D
Q202	4E	R116	6E	R172	7C	R250	5C	R328	5D	C116	8C	C197	3C	C403	7E
Q203	3E	R117	6E	R173	6D	R254	5D	R329	5D	C117	8C	C201	3C	C405	1D
D102	8D	R118	7E	R174	6D	R255	5C	R330	5D	C118	7D	C202	3D	C406	1E
D103	8E	R119	6D	R182	6D	R256	2C	R334	5D	C119	8C	C203	3D	C407	2D
D105	2E	R120	8D	R183	7D	R257	2C	R341	5D	C120	8C	C204	3D	C408	1D
D106	2E	R121	8D	R184	6D	R258	5C	R342	4C	C121	8D	C205	5C		
D109	2E	R122	8C	R201	5E	R259	5D	R343	4C	C122	7C	C206	5C		
D110	2E	R123	8C	R202	2D	R260	2C	R350	4C	C123	8C	C207	5D		
H HEADPHONE/MIC JACK P.C.B. For [GCS] area.															
L650	1C	L651	1B	JK650	2A	JK651	2B	W650	2B	R655	2B	R656	2B		
H HEADPHONE/MIC JACK P.C.B. For [GK] area.															
L650 L651 L654	1C 1D 2D	L655 L656	2D 1D	JK650 JK651	2C 2D	W650 R655	1D 2D	R656 C650	2D 2C	C651 C652	2D 2D	C653 C654	2C 2D		
D LOADING MOTOR(DISPLAY) P.C.B.															
RM701	1E	W701	2E												

A B C D E F

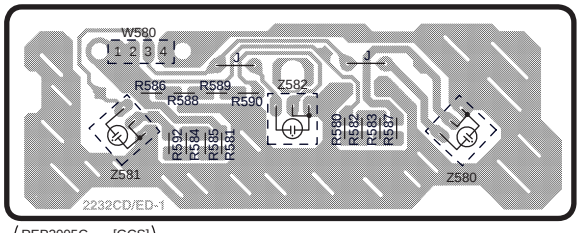
1 2 3 4 5 6 7 8

C OPERATION P.C.B.



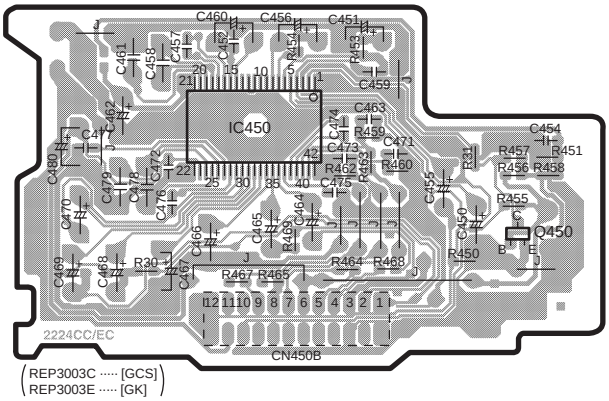
(REP3005C ····· [GCS]
REP3005E ····· [GK])

F LAMP P.C.B.



(REP3005C ····· [GCS]
REP3005E ····· [GK])

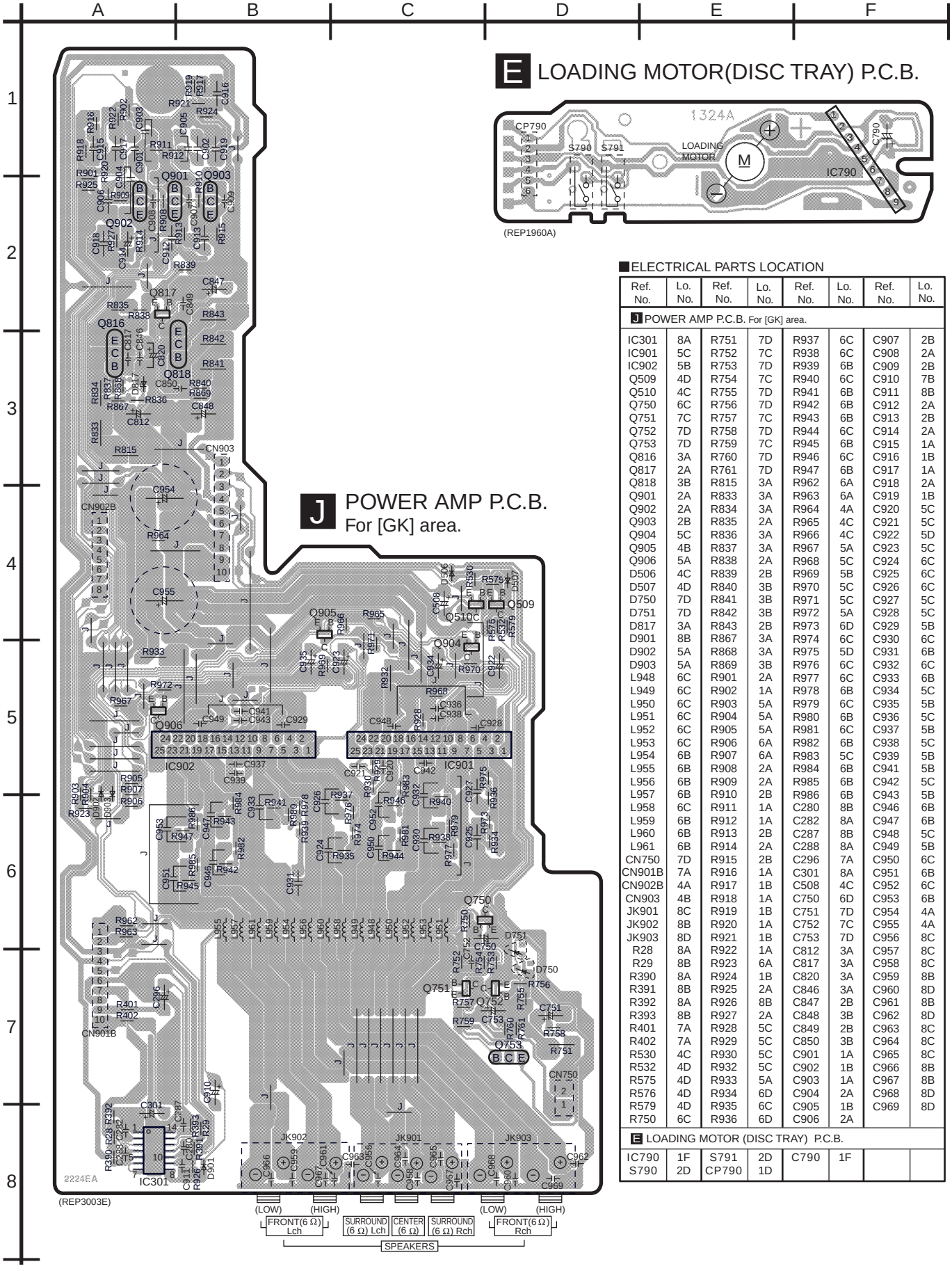
L MIC AMP P.C.B.



(REP3003C ····· [GCS]
REP3003E ····· [GK])

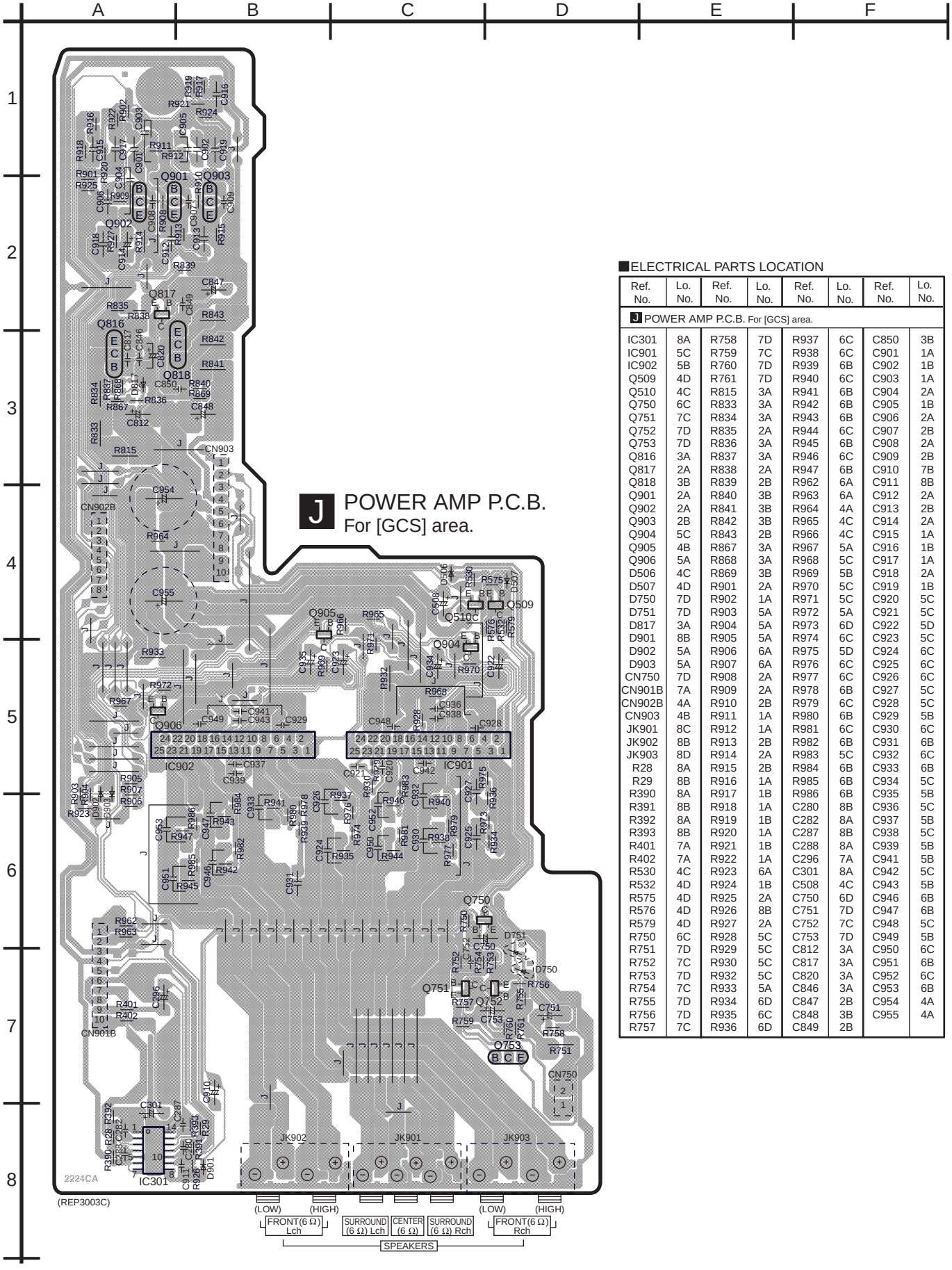
■ ELECTRICAL PARTS LOCATION

Ref. No.	Lo. No.	Ref. No.	Lo. No.	Ref. No.	Lo. No.	Ref. No.	Lo. No.
C OPERATION P.C.B.							
Q601	7C	S605	2B	CN602B	6C	R612	2C
D601	7C	S606	2A	R601	7C	R613	2C
D602	7C	S607	3B	R602	7C	R614	3C
D603	7C	S608	3C	R603	8B	R615	2B
D604	7B	S609	1C	R604	8C	R616	2B
D605	7A	S610	2C	R605	3C	R617	1B
Z601	7B	S611	2C	R606	2B	R618	3C
LCD601	5C	S612	2B	R607	2B	R619	3C
S601	8B	S613	2B	R608	2A	R620	7C
S602	8B	S614	1B	R609	3B	C601	7C
S603	8C	S615	1B	R610	3C		
S604	2B	CN601B	4C	R611	3C		
F LAMP P.C.B.							
Z580	2F	R580	2E	R584	2E	R588	2E
Z581	2D	R581	2E	R585	2E	R590	2E
Z582	2E	R582	2E	R586	2D	R592	2E
W580	1D	R583	2F	R587	2F		
L MIC AMP P.C.B.							
IC450	3E	R459	3E	C455	4F	C468	4D
Q450	4F	R460	4F	C456	3E	C469	4D
CN450B	4E	R462	4E	C457	3E	C470	4D
R30	4D	R463	4E	C458	3D	C471	4F
R31	4F	R464	4E	C459	3E	C472	4D
R450	4F	R465	4E	C460	3E	C473	4E
R451	4F	R467	4E	C461	3D	C474	3E
R453	3E	R468	4F	C462	3D	C475	4E
R454	3E	R469	4F	C463	3E	C476	4D
R455	4F	C450	4F	C464	4E	C477	3D
R456	4F	C451	3E	C465	4E	C478	4D
R457	4F	C452	3E	C466	4E	C479	4D
R458	4F	C454	3F	C467	4E	C480	4D



■ELECTRICAL PARTS LOCATION

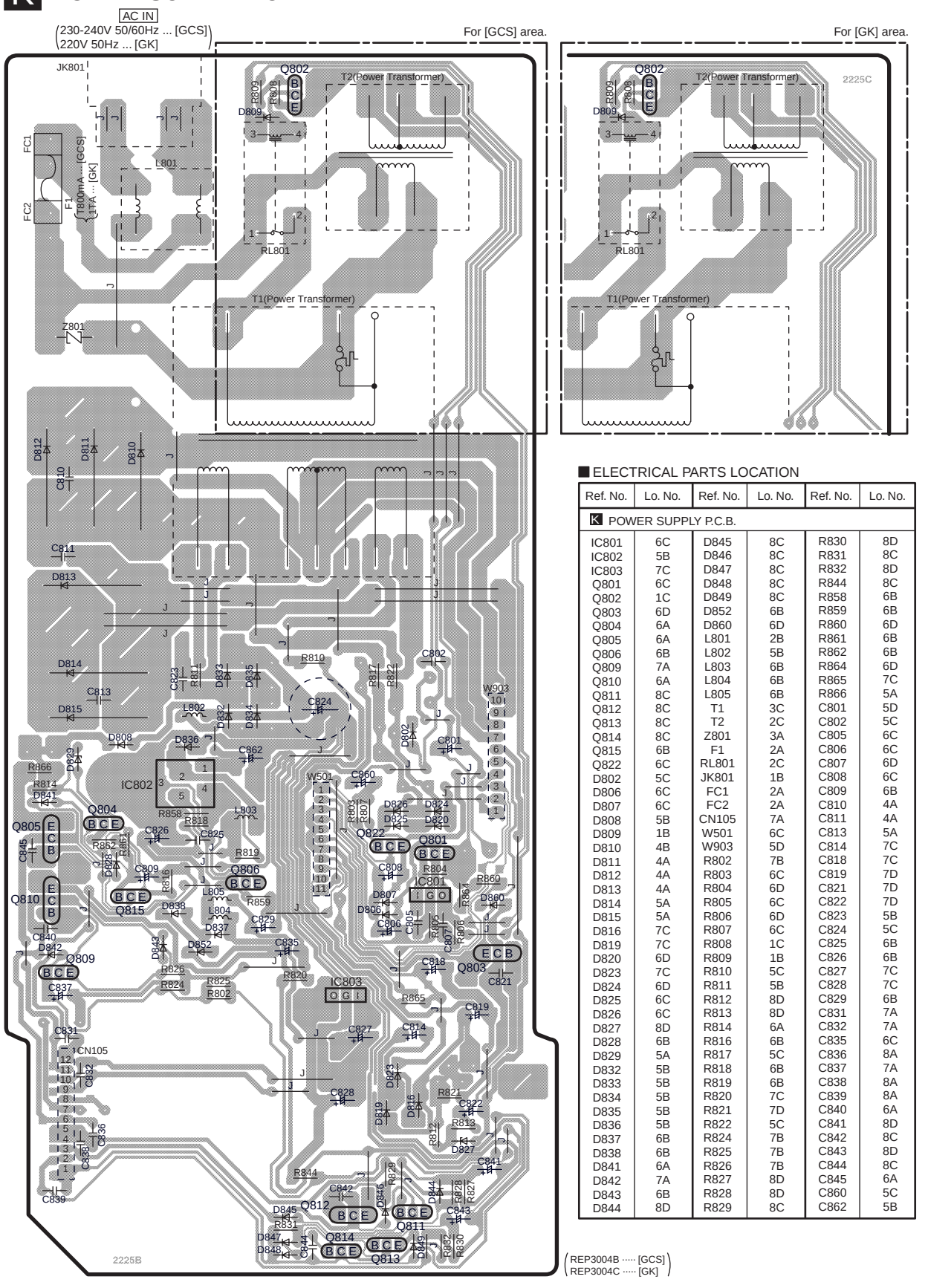
Ref. No.	Lo. No.	Ref. No.	Lo. No.	Ref. No.	Lo. No.	Ref. No.	Lo. No.
J POWER AMP P.C.B. For [GK] area.							
IC301	8A	R751	7D	R937	6C	C907	2B
IC901	5C	R752	7C	R938	6C	C908	2A
IC902	5B	R753	7D	R939	6B	C909	2B
Q509	4D	R754	7C	R940	6C	C910	7B
Q510	4C	R755	7D	R941	6B	C911	8B
Q750	6C	R756	7D	R942	6B	C912	2A
Q751	7C	R757	7C	R943	6B	C913	2B
Q752	7D	R758	7D	R944	6C	C914	2A
Q753	7D	R759	7C	R945	6B	C915	1A
Q816	3A	R760	7D	R946	6C	C916	1B
Q817	2A	R761	7D	R947	6B	C917	1A
Q818	3B	R815	3A	R962	6A	C918	2A
Q901	2A	R833	3A	R963	6A	C919	1B
Q902	2A	R834	3A	R964	4A	C920	5C
Q903	2B	R835	2A	R965	4C	C921	5C
Q904	5C	R836	3A	R966	4C	C922	5D
Q905	4B	R837	3A	R967	5A	C923	5C
Q906	5A	R838	2A	R968	5C	C924	6C
D506	4C	R839	2B	R969	5B	C925	6C
D507	4D	R840	3B	R970	5C	C926	6C
D750	7D	R841	3B	R971	5C	C927	5C
D751	7D	R842	3B	R972	5A	C928	5C
D817	3A	R843	2B	R973	6D	C929	5B
D901	8B	R867	3A	R974	6C	C930	6C
D902	5A	R868	3A	R975	5D	C931	6B
D903	5A	R869	3B	R976	6C	C932	6C
L948	6C	R901	2A	R977	6C	C933	6B
L949	6C	R902	1A	R978	6B	C934	5C
L950	6C	R903	5A	R979	6C	C935	5B
L951	6C	R904	5A	R980	6B	C936	5C
L952	6C	R905	5A	R981	6C	C937	5B
L953	6C	R906	6A	R982	6B	C938	5C
L954	6B	R907	6A	R983	5C	C939	5B
L955	6B	R908	2A	R984	6B	C941	5B
L956	6B	R909	2A	R985	6B	C942	5C
L957	6B	R910	2B	R986	6B	C943	5B
L958	6C	R911	1A	C280	8B	C946	6B
L959	6B	R912	1A	C282	8A	C947	6B
L960	6B	R913	2B	C287	8B	C948	5C
L961	6B	R914	2A	C288	8A	C949	5B
CN750	7D	R915	2B	C296	7A	C950	6C
CN901B	7A	R916	1A	C301	8A	C951	6B
CN902B	4A	R917	1B	C508	4C	C952	6C
CN903	4B	R918	1A	C750	6D	C953	6B
JK901	8C	R919	1B	C751	7D	C954	4A
JK902	8B	R920	1A	C752	7C	C955	4A
JK903	8D	R921	1B	C753	7D	C956	8C
R28	8A	R922	1A	C812	3A	C957	8C
R29	8B	R923	6A	C817	3A	C958	8C
R390	8A	R924	1B	C820	3A	C959	8B
R391	8B	R925	2A	C846	3A	C960	8D
R392	8A	R926	8B	C847	2B	C961	8B
R393	8B	R927	2A	C848	3B	C962	8D
R401	7A	R928	5C	C849	2B	C963	8C
R402	7A	R929	5C	C850	3B	C964	8C
R530	4C	R930	5C	C901	1A	C965	8C
R532	4D	R932	5C	C902	1B	C966	8B
R575	4D	R933	5A	C903	1A	C967	8B
R576	4D	R934	6D	C904	2A	C968	8D
R579	4D	R935	6C	C905	1B	C969	8D
R750	6C	R936	6D	C906	2A		
E LOADING MOTOR (DISC TRAY) P.C.B.							
IC790	1F	S791	2D	C790	1F		
S790	2D	CP790	1D				



■ELECTRICAL PARTS LOCATION

Ref. No.	Lo. No.	Ref. No.	Lo. No.	Ref. No.	Lo. No.	Ref. No.	Lo. No.
J POWER AMP P.C.B. For [GCS] area.							
IC301	8A	R758	7D	R937	6C	C850	3B
IC901	5C	R759	7C	R938	6C	C901	1A
IC902	5B	R760	7D	R939	6B	C902	1B
Q509	4D	R761	7D	R940	6C	C903	1A
Q510	4C	R815	3A	R941	6B	C904	2A
Q750	6C	R833	3A	R942	6B	C905	1B
Q751	7C	R834	3A	R943	6B	C906	2A
Q752	7D	R835	2A	R944	6C	C907	2B
Q753	7D	R836	3A	R945	6B	C908	2A
Q816	3A	R837	3A	R946	6C	C909	2B
Q817	2A	R838	2A	R947	6B	C910	7B
Q818	3B	R839	2B	R962	6A	C911	8B
Q901	2A	R840	3B	R963	6A	C912	2A
Q902	2A	R841	3B	R964	4A	C913	2B
Q903	2B	R842	3B	R965	4C	C914	2A
Q904	5C	R843	2B	R966	4C	C915	1A
Q905	4B	R867	3A	R967	5A	C916	1B
Q906	5A	R868	3A	R968	5C	C917	1A
D506	4C	R869	3B	R969	5B	C918	2A
D507	4D	R901	2A	R970	5C	C919	1B
D750	7D	R902	1A	R971	5C	C920	5C
D751	7D	R903	5A	R972	5A	C921	5C
D817	3A	R904	5A	R973	6D	C922	5D
D901	8B	R905	5A	R974	6C	C923	5C
D902	5A	R906	6A	R975	5D	C924	6C
D903	5A	R907	6A	R976	6C	C925	6C
CN750	7D	R908	2A	R977	6C	C926	6C
CN901B	7A	R909	2A	R978	6B	C927	5C
CN902B	4A	R910	2B	R979	6C	C928	5C
CN903	4B	R911	1A	R980	6B	C929	5B
JK901	8C	R912	1A	R981	6C	C930	6C
JK902	8B	R913	2B	R982	6B	C931	6B
JK903	8D	R914	2A	R983	5C	C932	6C
R28	8A	R915	2B	R984	6B	C933	6B
R29	8B	R916	1A	R985	6B	C934	5C
R390	8A	R917	1B	R986	6B	C935	5B
R391	8B	R918	1A	C280	8B	C936	5C
R392	8A	R919	1B	C282	8A	C937	5B
R393	8B	R920	1A	C287	8B	C938	5C
R401	7A	R921	1B	C288	8A	C939	5B
R402	7A	R922	1A	C296	7A	C941	5B
R530	4C	R923	6A	C301	8A	C942	5C
R532	4D	R924	1B	C508	4C	C943	5B
R575	4D	R925	2A	C750	6D	C946	6B
R576	4D	R926	8B	C751	7D	C947	6B
R579	4D	R927	2A	C752	7C	C948	5C
R750	6C	R928	5C	C753	7D	C949	5B
R751	7D	R929	5C	C812	3A	C950	6C
R752	7C	R930	5C	C817	3A	C951	6B
R753	7D	R932	5C	C820	3A	C952	6C
R754	7C	R933	5A	C846	3A	C953	6B
R755	7D	R934	6D	C847	2B	C954	4A
R756	7D	R935	6C	C848	3B	C955	4A
R757	7C	R936	6D	C849	2B		

K POWER SUPPLY P.C.B.



■ ELECTRICAL PARTS LOCATION

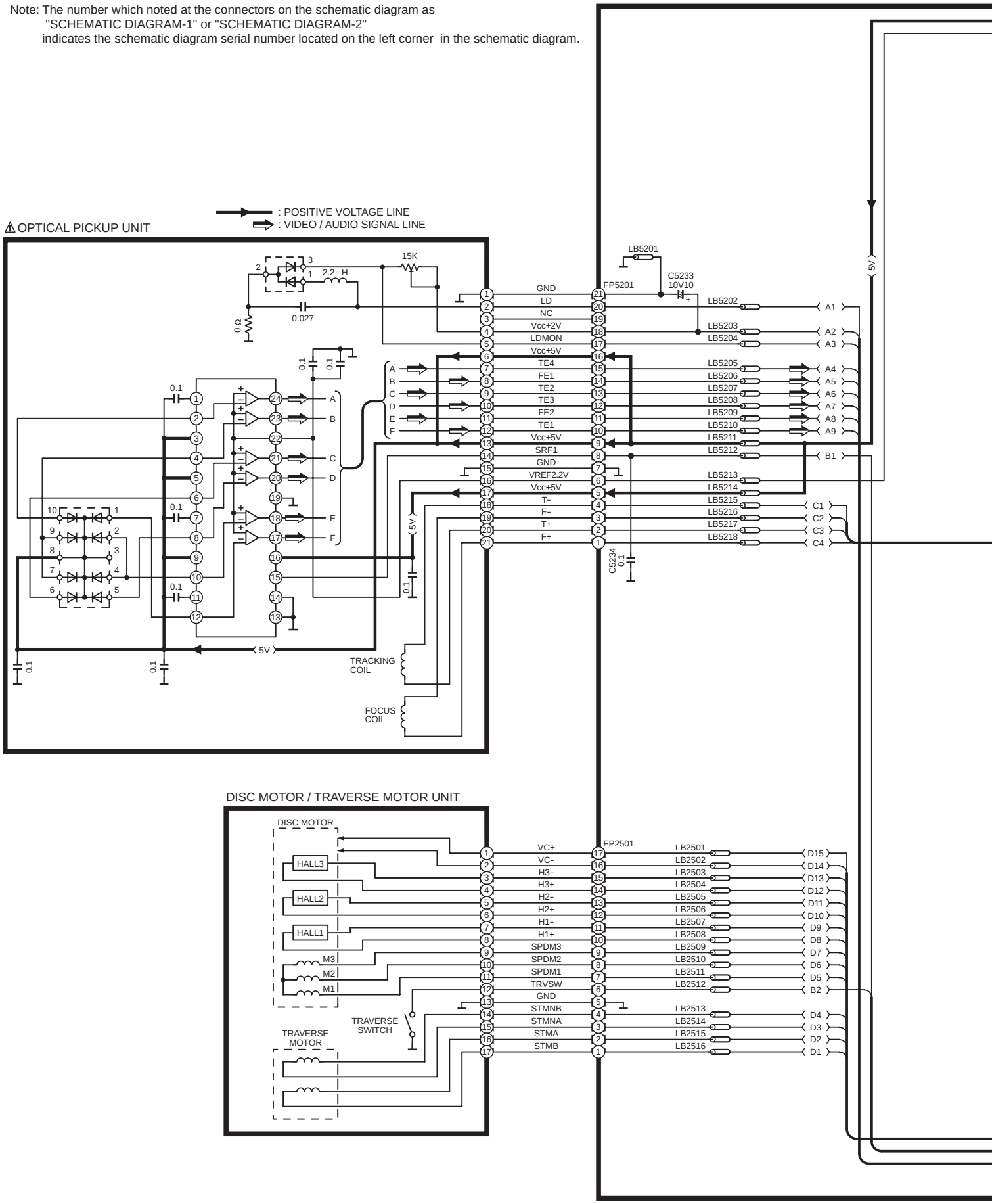
Ref. No.	Lo. No.	Ref. No.	Lo. No.	Ref. No.	Lo. No.
K POWER SUPPLY P.C.B.					
IC801	6C	D845	8C	R830	8D
IC802	5B	D846	8C	R831	8C
IC803	7C	D847	8C	R832	8D
Q801	6C	D848	8C	R844	8C
Q802	1C	D849	8C	R858	6B
Q803	6D	D852	6B	R859	6B
Q804	6A	D860	6D	R860	6D
Q805	6A	L801	2B	R861	6B
Q806	6B	L802	5B	R862	6B
Q809	7A	L803	6B	R864	6D
Q810	6A	L804	6B	R865	7C
Q811	8C	L805	6B	R866	5A
Q812	8C	T1	3C	C801	5D
Q813	8C	T2	2C	C802	5C
Q814	8C	Z801	3A	C805	6C
Q815	6B	F1	2A	C806	6C
Q822	6C	RL801	2C	C807	6D
D802	5C	JK801	1B	C808	6C
D806	6C	FC1	2A	C809	6B
D807	6C	FC2	2A	C810	4A
D808	5B	CN105	7A	C811	4A
D809	1B	W501	6C	C813	5A
D810	4B	W903	5D	C814	7C
D811	4A	R802	7B	C818	7C
D812	4A	R803	6C	C819	7D
D813	4A	R804	6D	C821	7D
D814	5A	R805	6C	C822	7D
D815	5A	R806	6D	C823	5B
D816	7C	R807	6C	C824	5C
D819	7C	R808	1C	C825	6B
D820	6D	R809	1B	C826	6B
D823	7C	R810	5C	C827	7C
D824	6D	R811	5B	C828	7C
D825	6C	R812	8D	C829	6B
D826	6C	R813	8D	C831	7A
D827	8D	R814	6A	C832	7A
D828	6B	R816	6B	C835	6C
D829	5A	R817	5C	C836	8A
D832	5B	R818	6B	C837	7A
D833	5B	R819	6B	C838	8A
D834	5B	R820	7C	C839	8A
D835	5B	R821	7D	C840	6A
D836	5B	R822	5C	C841	8D
D837	6B	R824	7B	C842	8C
D838	6B	R825	7B	C843	8D
D841	6A	R826	7B	C844	8C
D842	7A	R827	8D	C845	6A
D843	6B	R828	8D	C860	5C
D844	8D	R829	8C	C862	5B

(REP3004B ..... [GCS]
REP3004C ..... [GK])

SCHEMATIC DIAGRAM-1

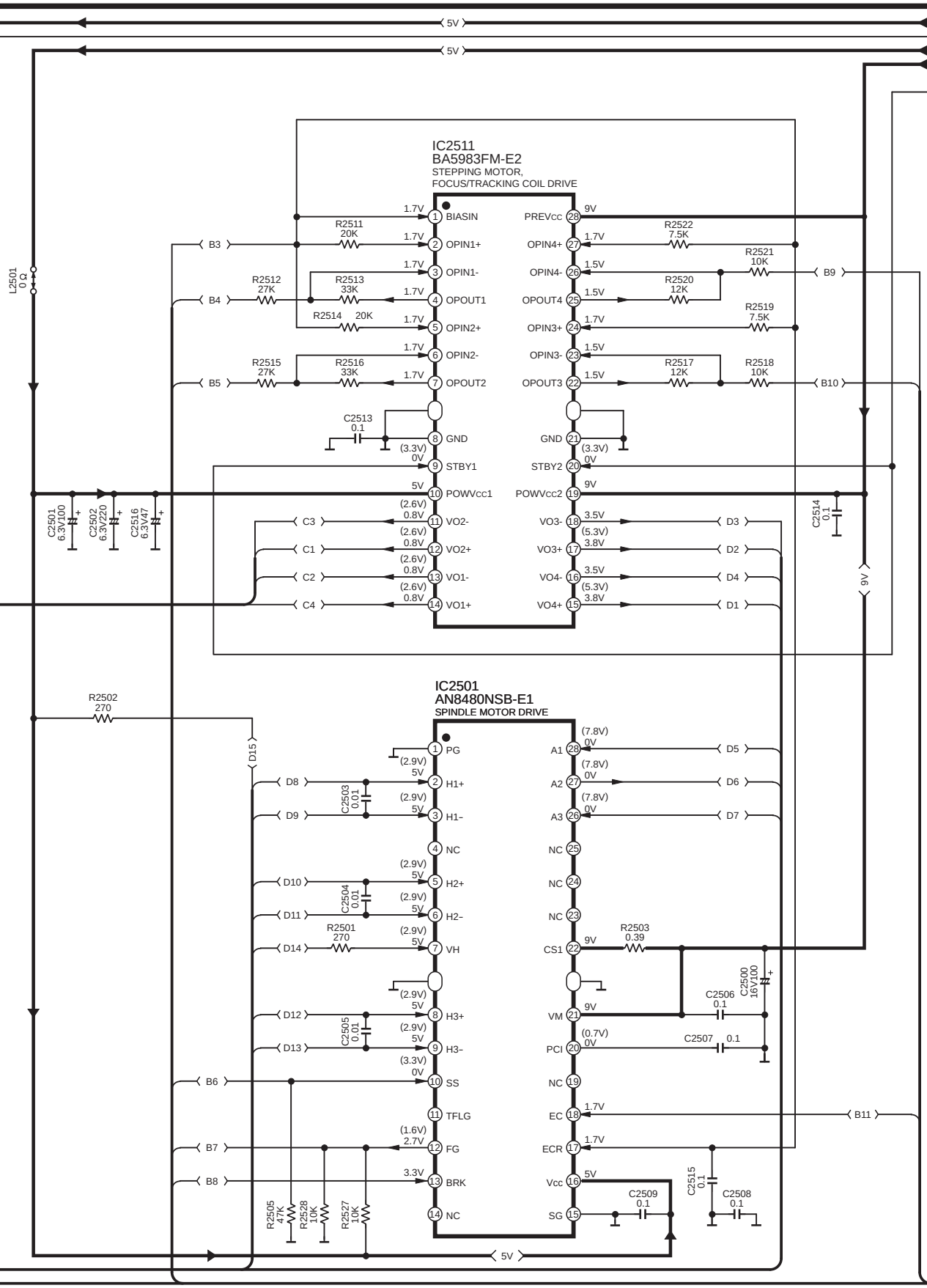
Note: The number which noted at the connectors on the schematic diagram as
"SCHEMATIC DIAGRAM-1" or "SCHEMATIC DIAGRAM-2"
indicates the schematic diagram serial number located on the left corner in the schematic diagram.

A DVD MODULE(2) CIRCUIT



SCHEMATIC DIAGRAM-2

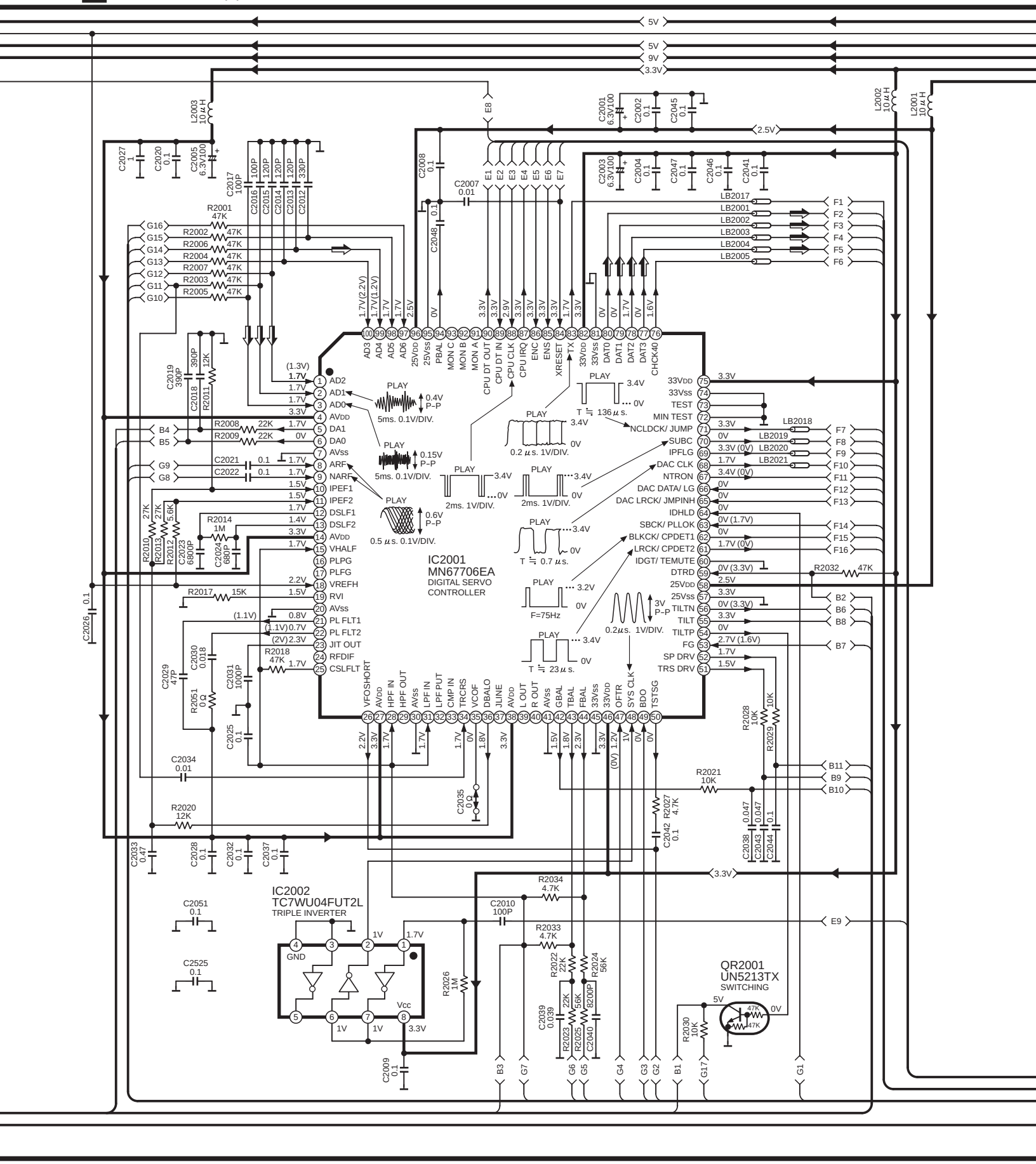
: POSITIVE VOLTAGE LINE



SCHEMATIC DIAGRAM-3

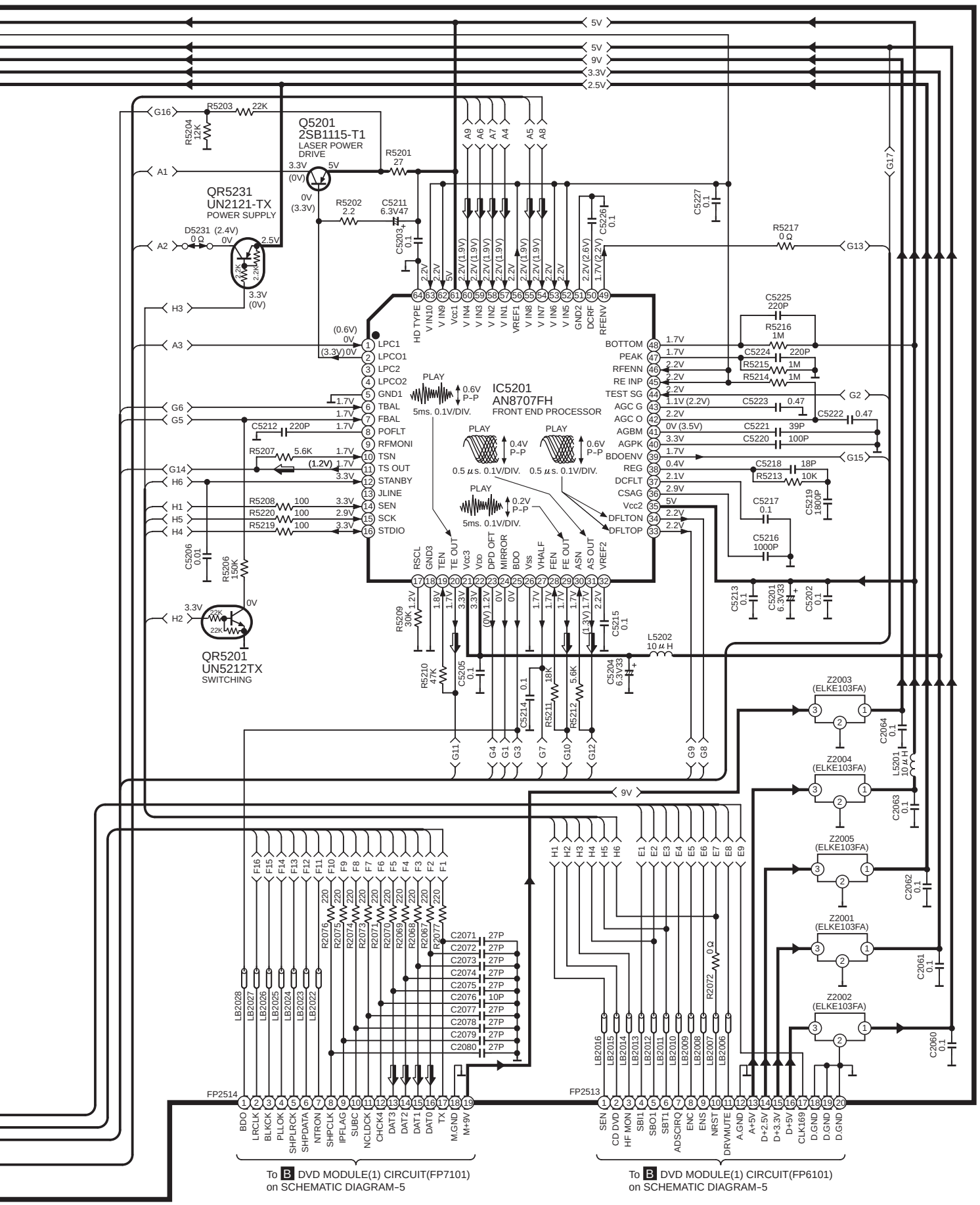
A DVD MODULE(2) CIRCUIT

: POSITIVE VOLTAGE LINE : VIDEO / AUDIO SIGNAL LINE



SCHEMATIC DIAGRAM-4

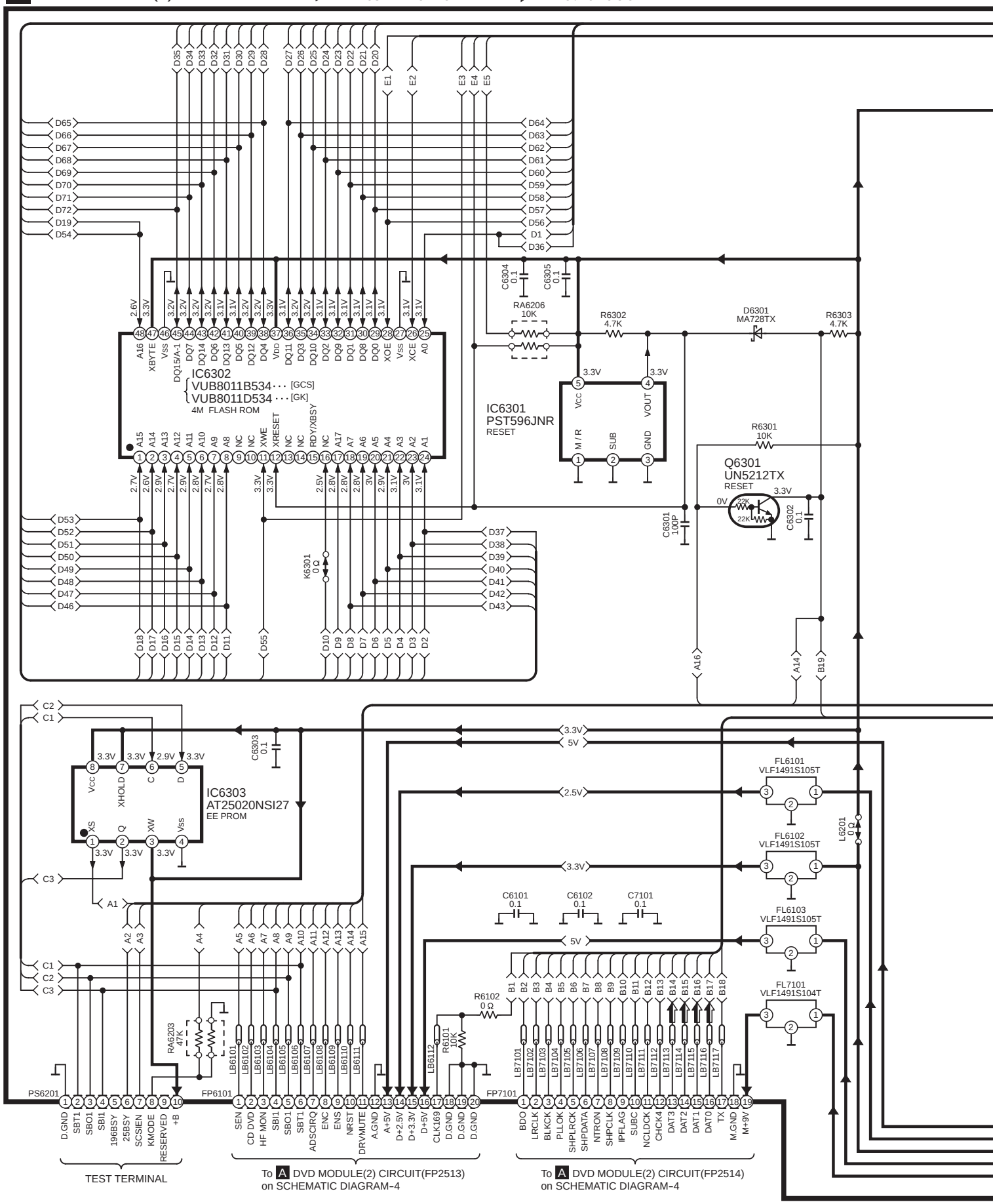
: POSITIVE VOLTAGE LINE : VIDEO / AUDIO SIGNAL LINE



SCHEMATIC DIAGRAM-5

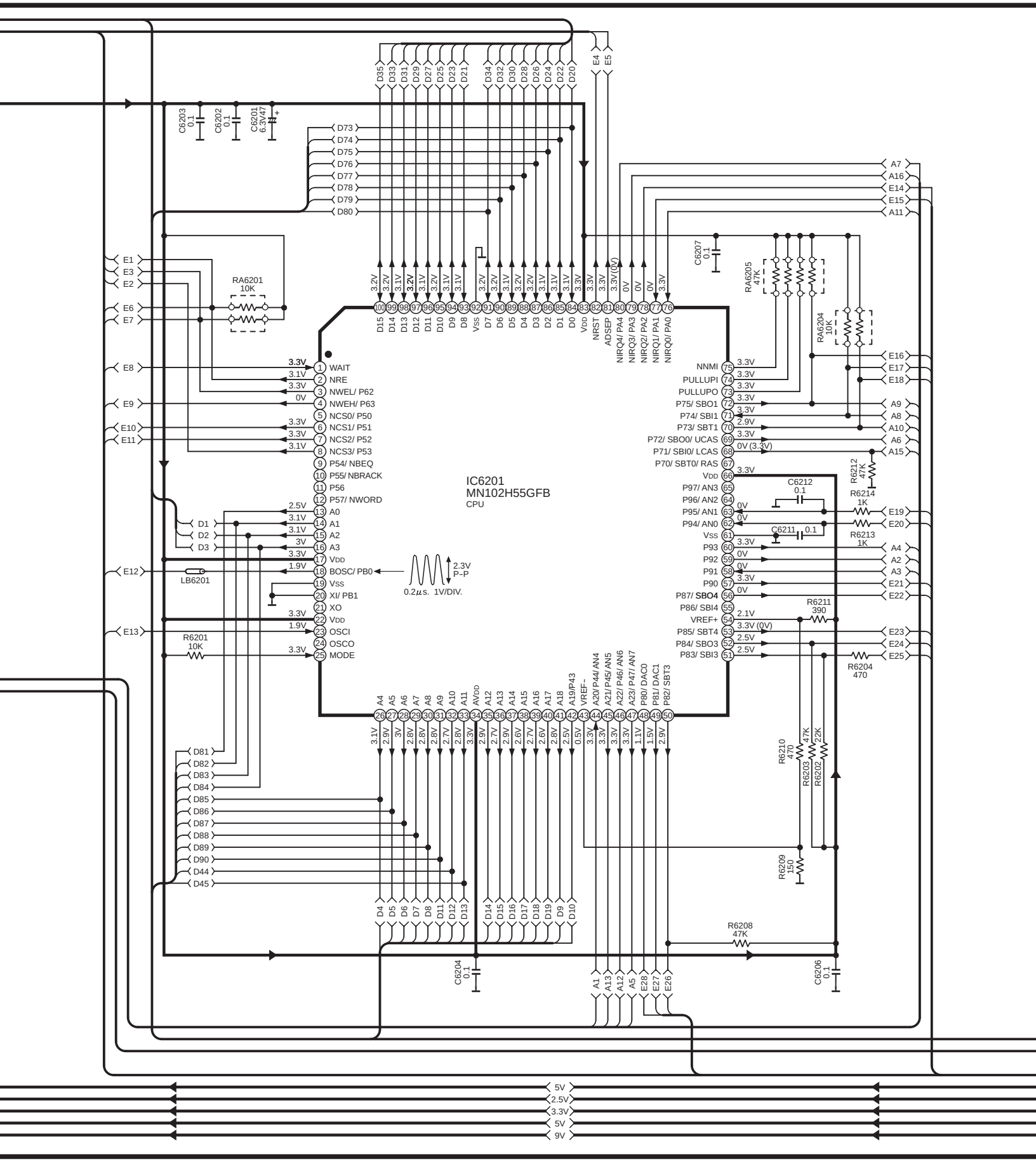
B DVD MODULE(1) CIRCUIT

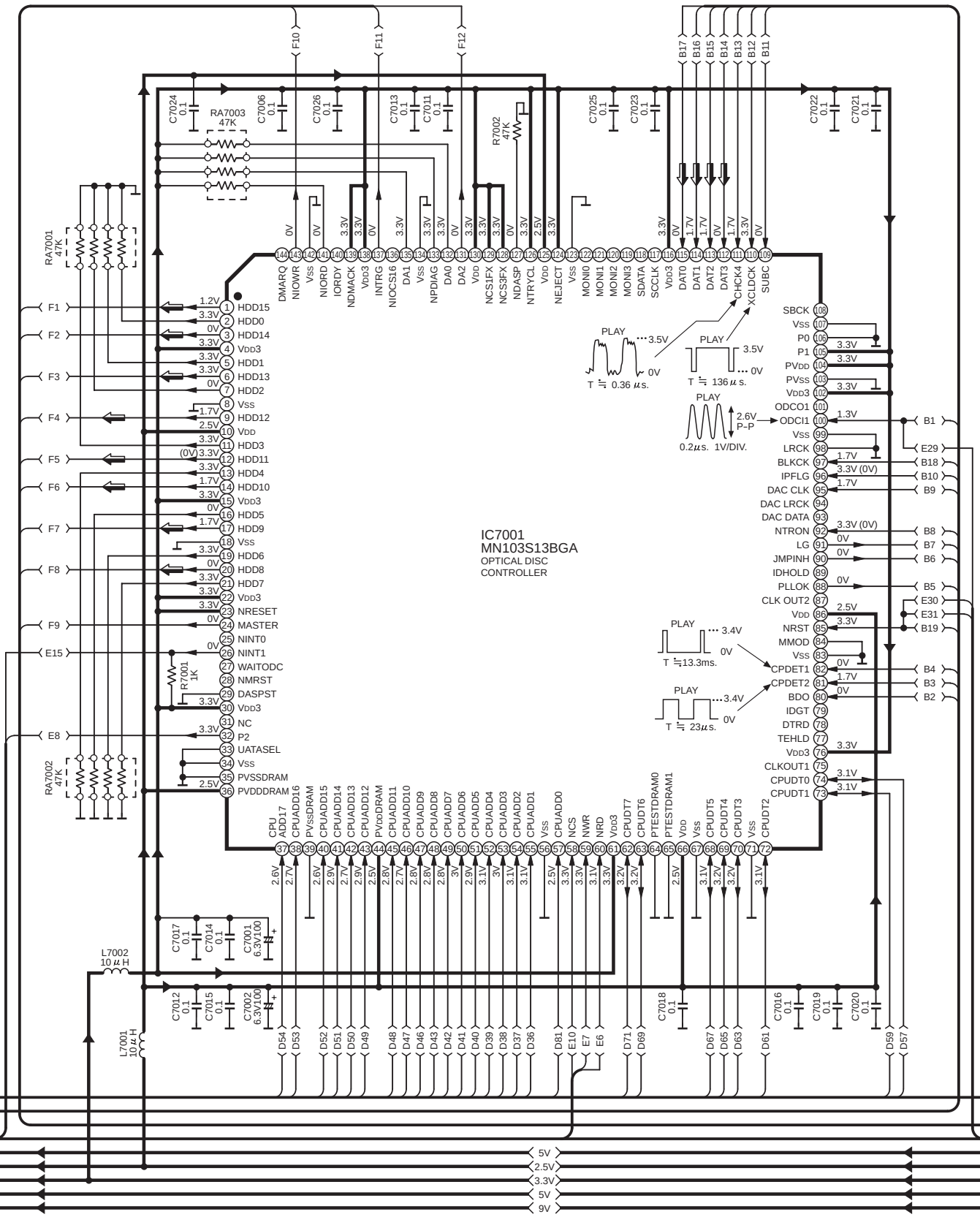
: POSITIVE VOLTAGE LINE : VIDEO / AUDIO SIGNAL LINE



SCHEMATIC DIAGRAM-6

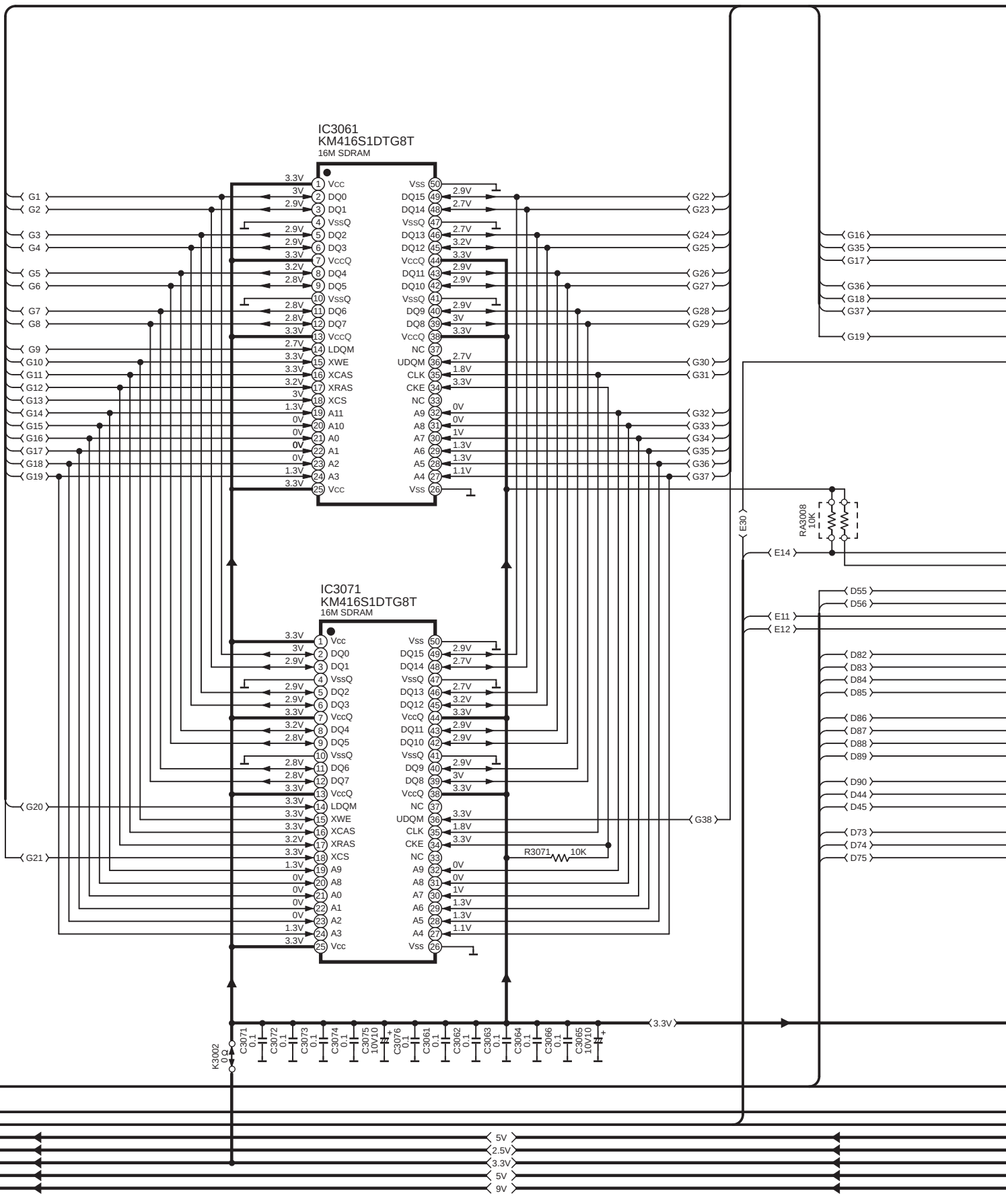
: POSITIVE VOLTAGE LINE




IC7001
MN103S13BGA
OPTICAL DISC
CONTROLLER
RA7003 47K
R7002 47K
RA7001 47K
RA7002 47K
R7001 1K
L7002 10 μH
L7001 10 μH
C7024 0.1
C7006 0.1
C7026 0.1
C7013 0.1
C7011 0.1
C7025 0.1
C7023 0.1
C7022 0.1
C7021 0.1
C7017 0.1
C7014 0.1
C7001 6.3V100
C7012 0.1
C7015 0.1
C7002 6.3V100
C7018 0.1
C7016 0.1
C7019 0.1
C7020 0.1
F10
F11
F12
B17
B16
B15
B14
B13
B12
B11
F1
F2
F3
F4
F5
F6
F7
F8
F9
E15
E8
1 HDD15
2 HDD0
3 HDD14
4 VDD3
5 HDD1
6 HDD13
7 HDD2
8 VSS
9 HDD12
10 VDD
11 HDD3
12 HDD11
13 HDD4
14 HDD10
15 VDD3
16 HDD5
17 HDD9
18 VSS
19 HDD6
20 HDD8
21 HDD7
22 VDD3
23 NRESET
24 MASTER
25 NINT0
26 NINT1
27 WAITODC
28 NMRST
29 DASPST
30 VDD3
31 NC
32 P2
33 UATASEL
34 VSS
35 PVSSDRAM
36 PVDDDRAM
37 CPU ADD17
38 CPUADD16
39 PVSSDRAM
40 CPUADD15
41 CPUADD14
42 CPUADD13
43 CPUADD12
44 PVDDRAM
45 CPUADD11
46 CPUADD10
47 CPUADD9
48 CPUADD8
49 CPUADD7
50 CPUADD6
51 CPUADD5
52 CPUADD4
53 CPUADD3
54 CPUADD2
55 CPUADD1
56 VSS
57 CPUADD0
58 NCS
59 NWR
60 NRD
61 VDD3
62 CPUDT7
63 CPUDT6
64 PTESTDRAM0
65 PTESTDRAM1
66 VDD
67 VSS
68 CPUDT5
69 CPUDT4
70 CPUDT3
71 VSS
72 CPUDT2
73 CPUDT1
74 CPUDT0
75 CLKOUT1
76 VDD3
77 TEHLD
78 DTRD
79 IDGT
80 BDO
81 CPDET2
82 CPDET1
83 VSS
84 MMOD
85 NRST
86 VDD
87 CLK OUT2
88 PLLOK
89 IDHOLD
90 JMPINH
91 LG
92 NTRON
93 DAC DATA
94 DAC LRCK
95 DAC CLK
96 IPFLG
97 BLKCK
98 LRCK
99 VSS
100 ODCI1
101 ODCO1
102 VDD3
103 PVSS
104 PVDD
105 P1
106 P0
107 VSS
108 SBCK
144 DMARQ
143 NIOWR
142 VSS
141 NIORD
140 IORDY
139 NDMACK
138 VDD3
137 INTRG
136 NIOCS16
135 DA1
134 VSS
133 NPDIAG
132 DA0
131 DA2
130 VDD
129 NCS1FX
128 NCS3FX
127 NDASP
126 NTRYCL
125 VDD
124 NEJECT
123 VSS
122 MONI0
121 MONI1
120 MONI2
119 MONI3
118 SDATA
117 SCCLK
116 VDD3
115 DAT0
114 DAT1
113 DAT2
112 DAT3
111 CHCK4
110 XCLDCK
109 SUBC
PLAY 3.5V 0V T ≒ 0.36 μs.
PLAY 3.5V 0V T ≒ 136 μs.
PLAY 2.6V P-P 0.2μs. 1V/DIV.
PLAY 3.4V 0V T ≒13.3ms.
PLAY 3.4V 0V T ≒ 23μs.
B1
E29
B18
B10
B9
B8
B7
B6
B5
E30
E31
B19
B4
B3
B2
D54
D53
D52
D51
D50
D49
D48
D47
D46
D43
D42
D41
D40
D39
D38
D37
D36
D81
E10
E7
E6
D71
D69
D67
D65
D63
D61
D59
D57
5V
2.5V
3.3V
5V
9V

SCHEMATIC DIAGRAM-8

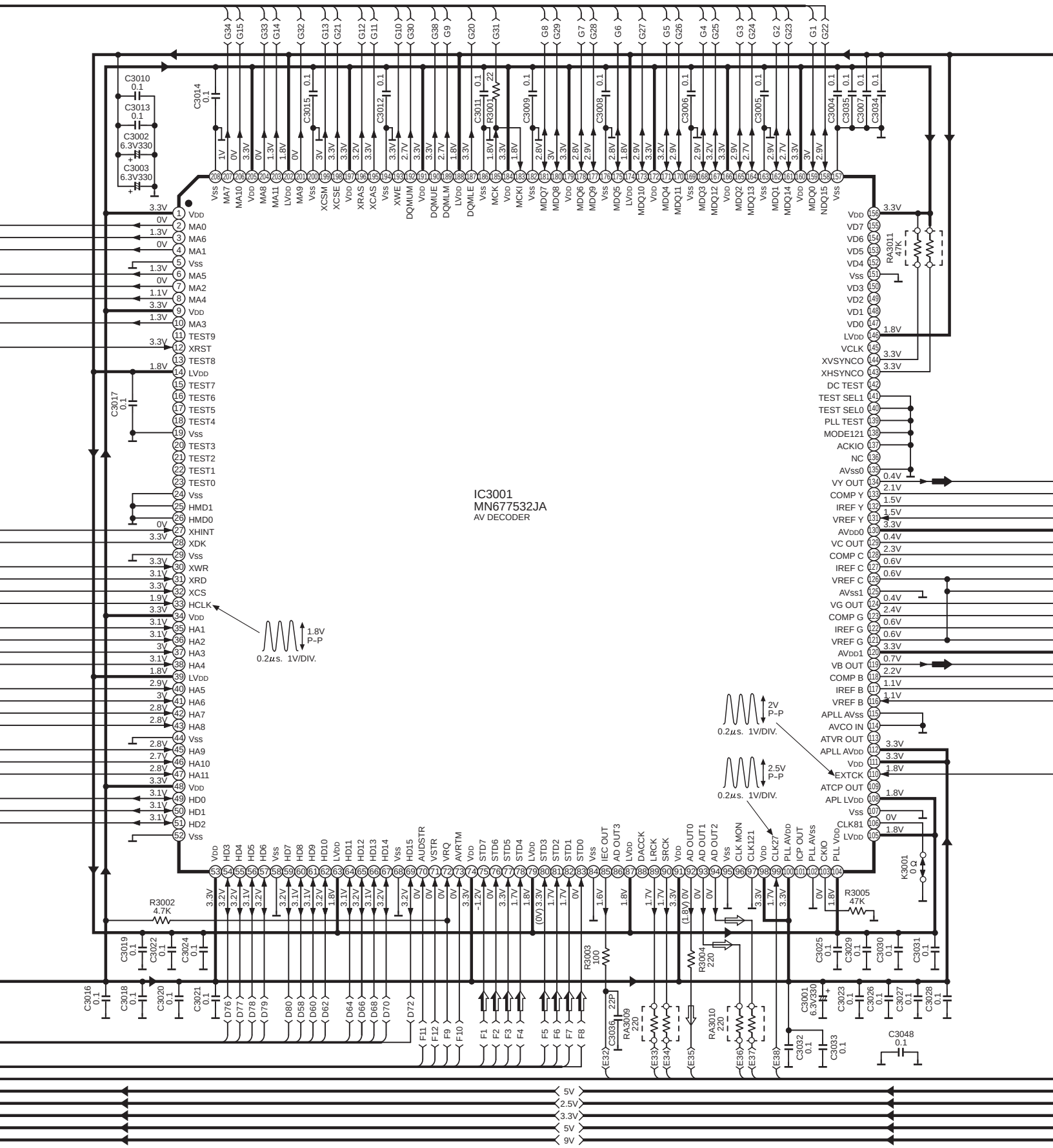
: POSITIVE VOLTAGE LINE



SCHEMATIC DIAGRAM-9

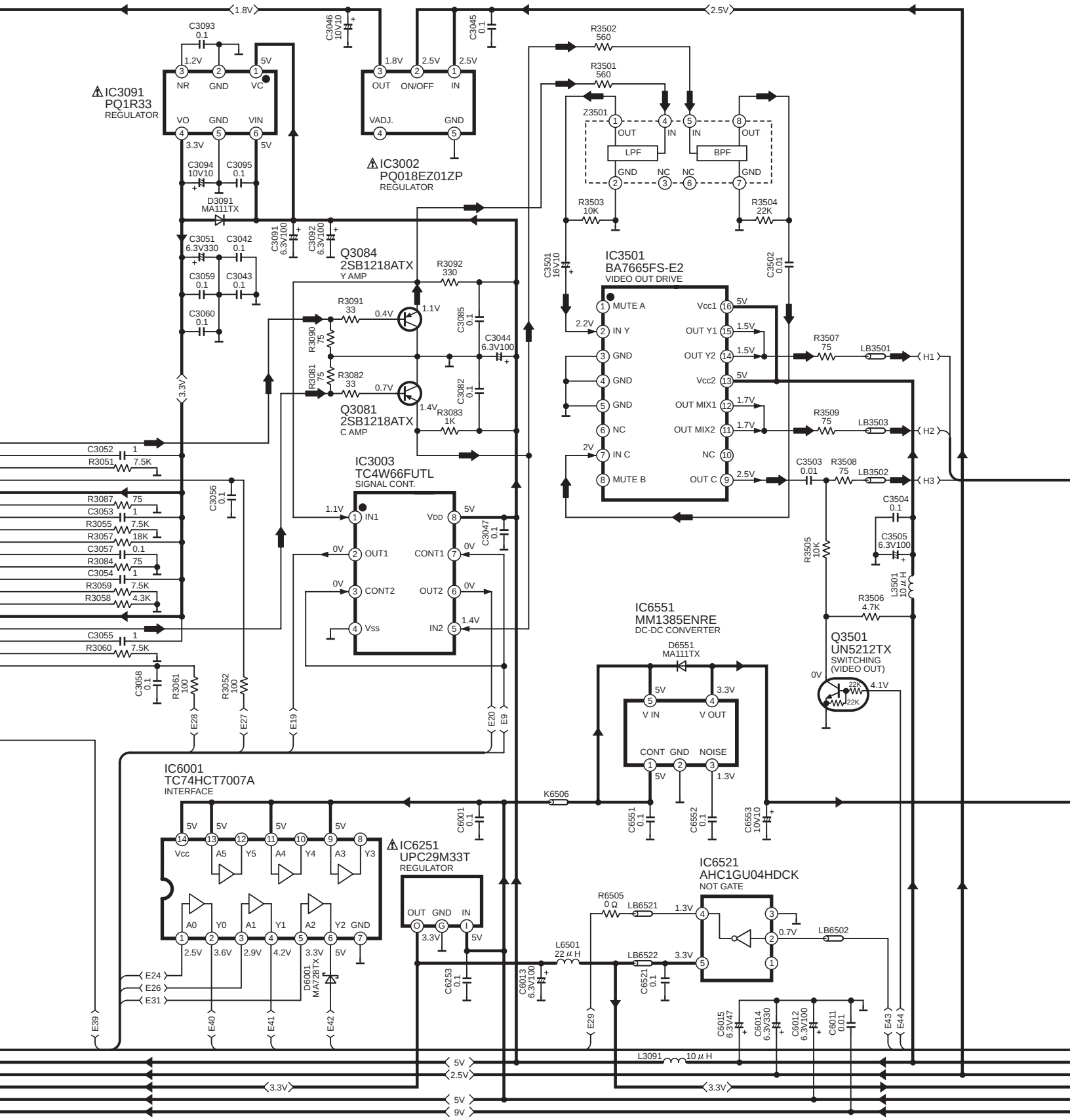
B DVD MODULE(1) CIRCUIT

: POSITIVE VOLTAGE LINE
: VIDEO / AUDIO SIGNAL LINE
: VIDEO SIGNAL LINE
: AUDIO SIGNAL LINE



SCHEMATIC DIAGRAM–10

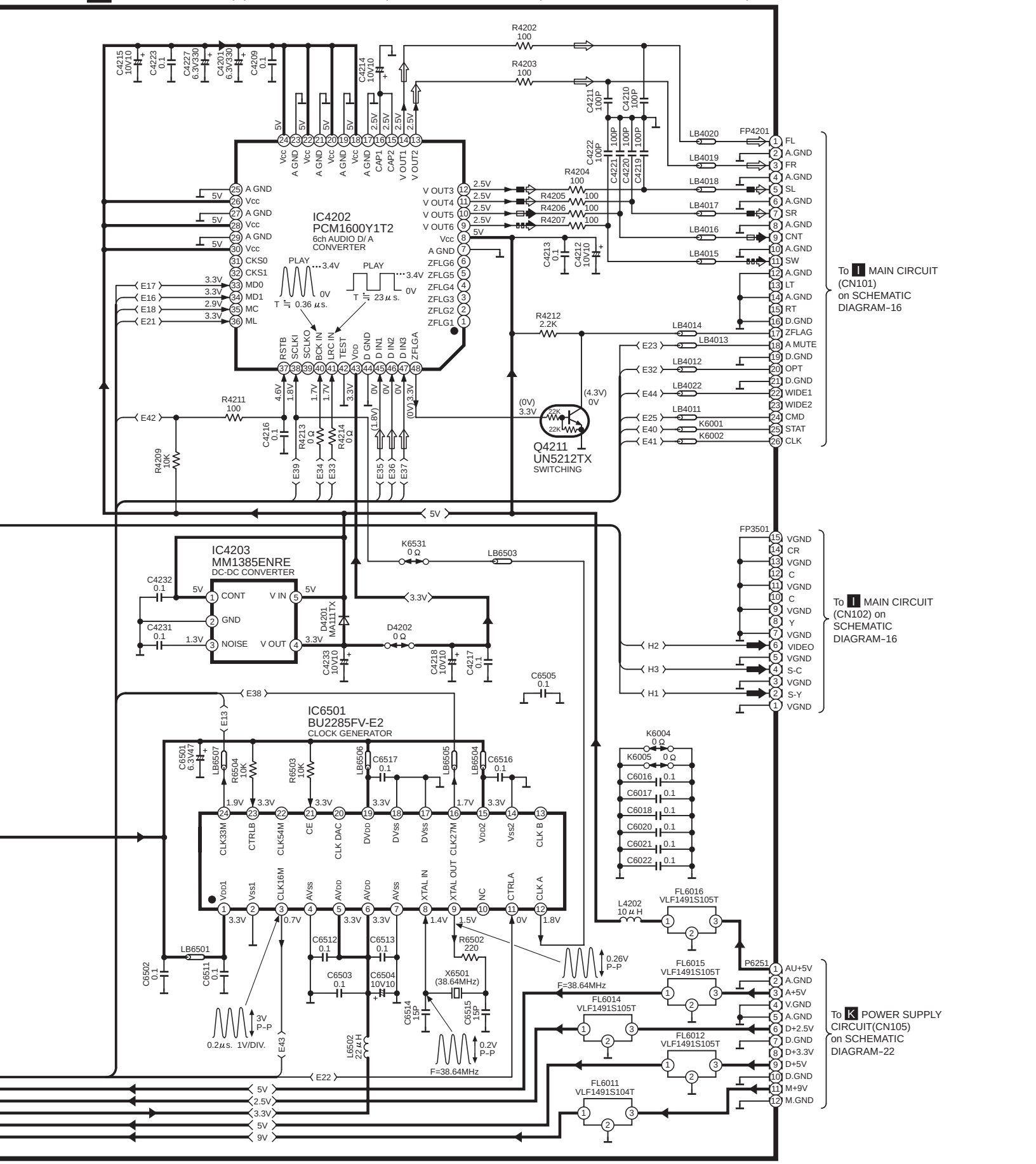
:POSITIVE VOLTAGE LINE :VIDEO SIGNAL LINE



SCHEMATIC DIAGRAM-11

B DVD MODULE(1) CIRCUIT

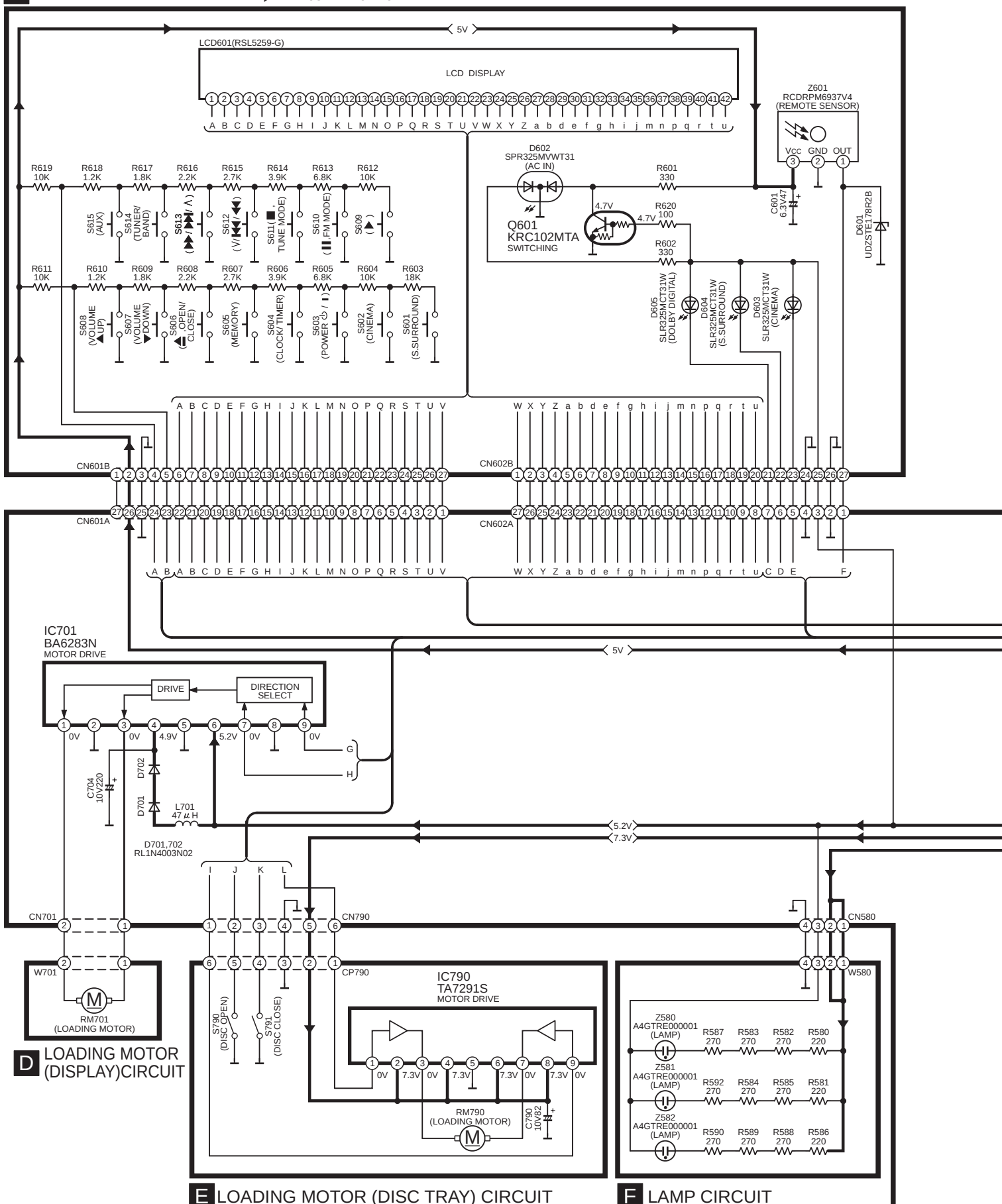
:POSITIVE VOLTAGE LINE :AUDIO SIGNAL LINE :CENTER SP. DRIVE SIGNAL LINE
:VIDEO SIGNAL LINE :SURROUND SP. DRIVE SIGNAL LINE :SUB WOOFER SIGNAL LINE



SCHEMATIC DIAGRAM–12

C OPERATION CIRCUIT

:POSITIVE VOLTAGE LINE



D LOADING MOTOR (DISPLAY)CIRCUIT

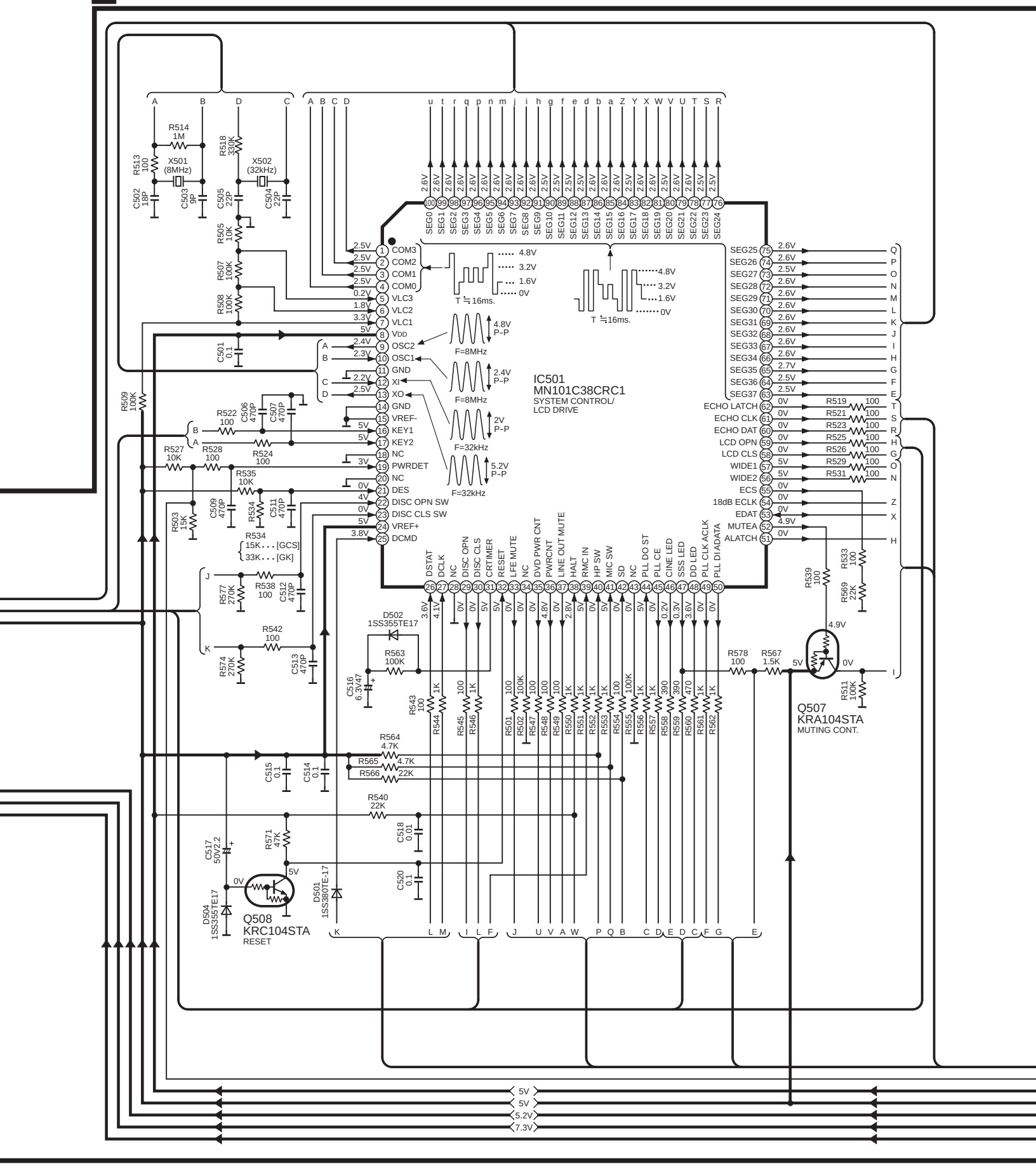
E LOADING MOTOR (DISC TRAY) CIRCUIT

F LAMP CIRCUIT

SCHEMATIC DIAGRAM–13

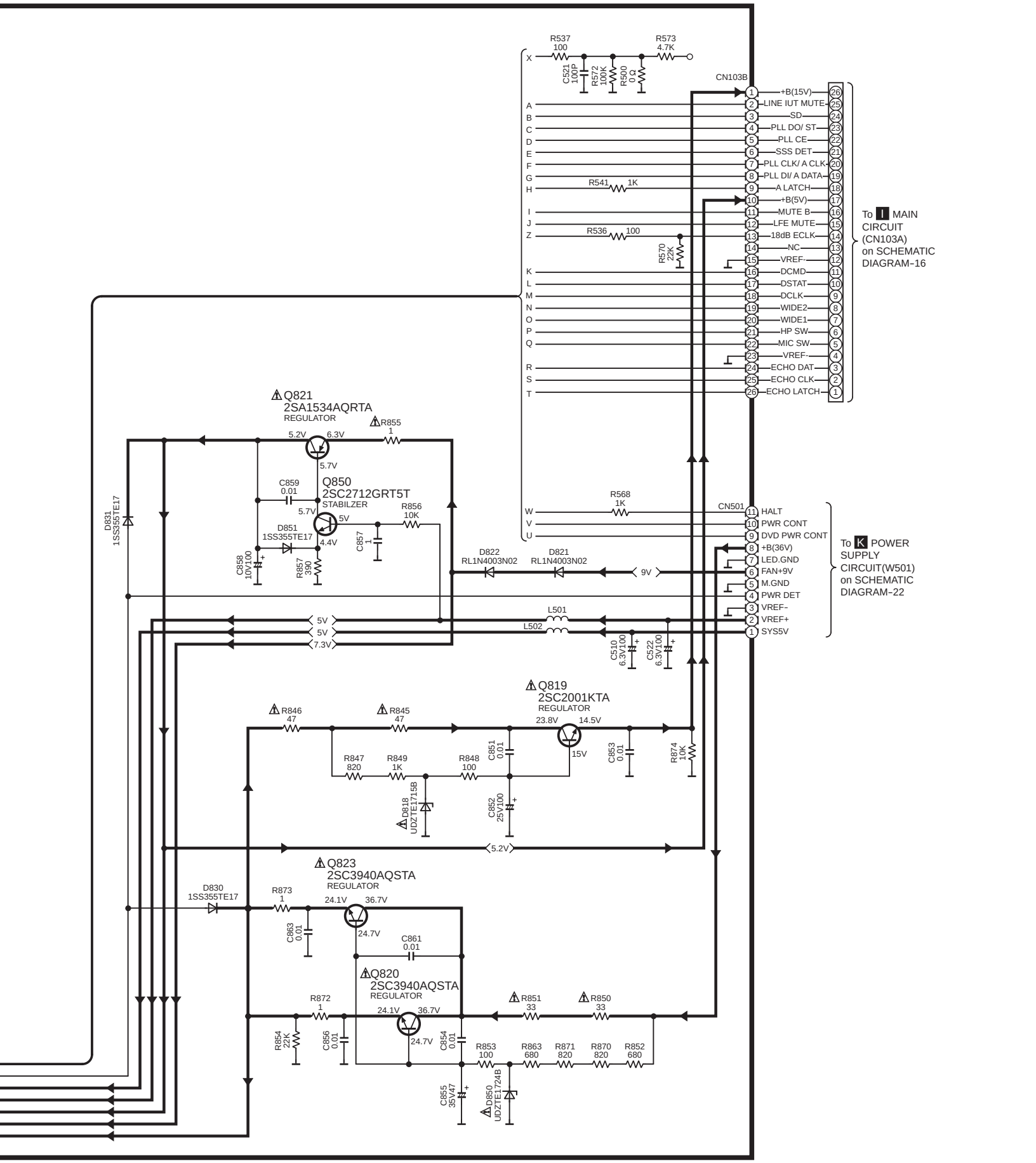
G SYSTEM CONTROL CIRCUIT

:POSITIVE VOLTAGE LINE



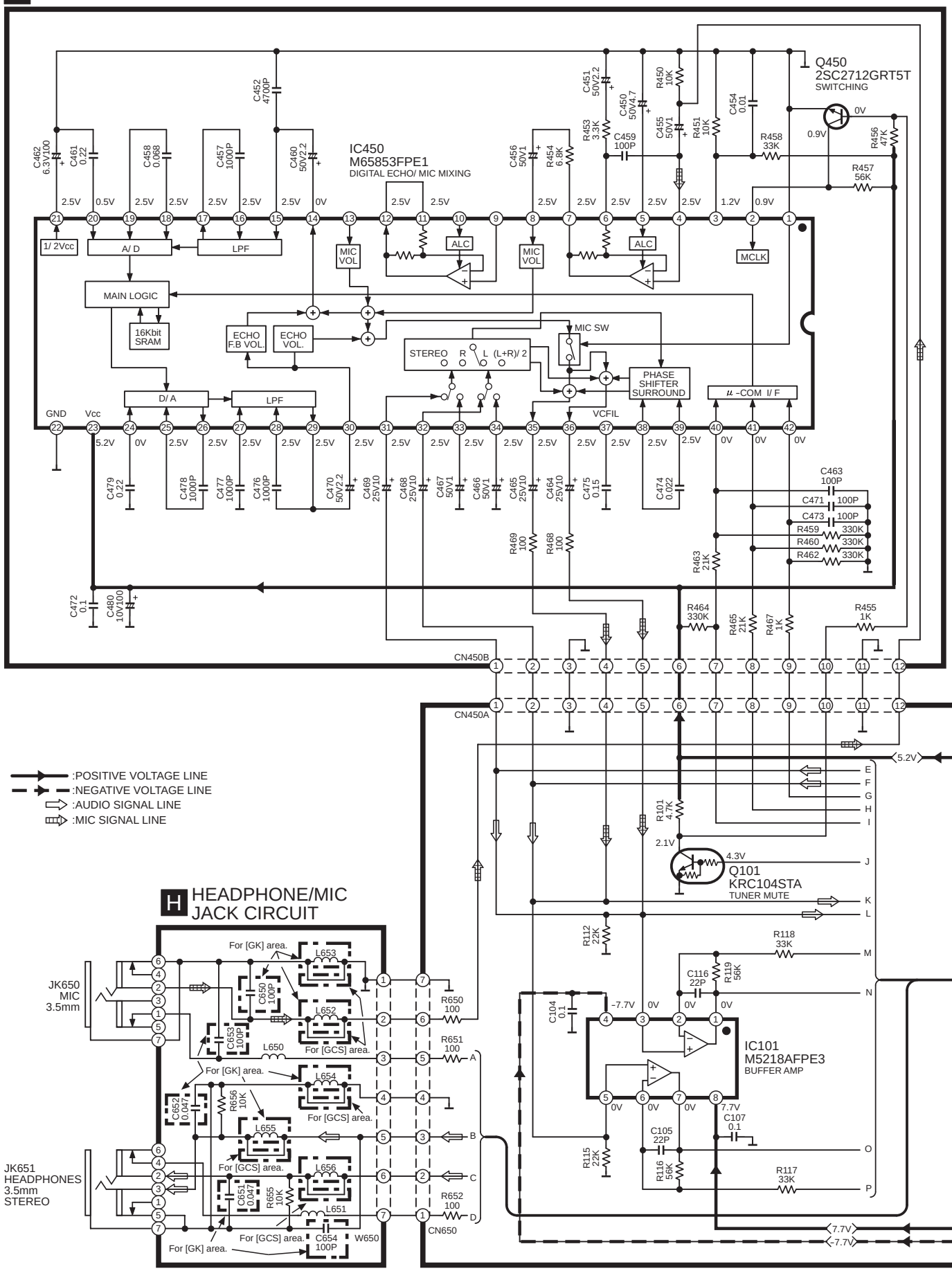
SCHEMATIC DIAGRAM–14

:POSITIVE VOLTAGE LINE



SCHEMATIC DIAGRAM–15

L MIC AMP CIRCUIT



SCHEMATIC DIAGRAM–16

:POSITIVE VOLTAGE LINE
:NEGATIVE VOLTAGE LINE
:SURROUND SP. DRIVE SIGNAL LINE
:CENTER SP. DRIVE SIGNAL LINE
:SUB WOOFER SIGNAL LINE
:AUDIO SIGNAL LINE
:VIDEO SIGNAL LINE

To G SYSTEM CONTROL CIRCUIT(CN103B) on SCHEMATIC DIAGRAM–14

CN103A: 1 ECHO LATCH, 2 ECHO CLK, 3 ECHO DAT, 4 VREF-, 5 MIC SW, 6 HP SW, 7 WIDE1, 8 WIDE2, 9 DCLK, 10 DSTAT, 11 DCMD, 12 VREF-, 13 NC, 14 18dB ECLK, 15 LFE MUTE, 16 MUTE B, 17 +B(5V), 18 A LATCH, 19 PLL DI/ A DATA, 20 PLL CLK/ A CLK, 21 SSS DET, 22 PLL CE, 23 PLL DO/ ST, 24 SD, 25 LINE IUT MUTE, 26 +B(15V)

I H G A D C D G F E U V W X Y n m j i h g d a

5.2V

To B DVD MODULE(1) CIRCUIT(FP4201) on SCHEMATIC DIAGRAM–11

CN101: 1 FL A, 2 A.GND, 3 FR B, 4 A.GND, 5 SL C, 6 A.GND, 7 SR D, 8 A.GND, 9 CNT E, 10 A.GND, 11 SW F, 12 A.GND, 13 LT, 14 A.GND, 15 RT, 16 D.GND, 17 ZFLAG A, 18 A MUTE B, 19 D.GND, 20 OPT, 21 D.GND, 22 WIDE1 C, 23 WIDE2 D, 24 CMD E, 25 STAT F, 26 CLK G

To B DVD MODULE(1) CIRCUIT(FP3501) on SCHEMATIC DIAGRAM–11

CN102: 1 VGND, 2 S–Y R, 3 VGND, 4 S–C S, 5 VGND, 6 VIDEO T, 7 VGND, 8 Y, 9 VGND, 10 C, 11 VGND, 12 C, 13 VGND, 14 CR, 15 VGND Q

C403 1000P

Q111 DTA143EKT146 MUTING CONT.
R154 1K (5.2V) 1.9V (–0.5V) 1.2V

Q108 KRC102STA SWITCHING
R140 100 (4.1V) 0V
R138 22K 2.2V (0V)
D102 1SS355TE17
D103 1SS355TE17
R126 22K
R156 15K 0V (5.1V)
C138 50V1
(0V) 1.8V

Q110 KRC102STA MUTING CONT.

Q112-117 2SC2712GRT5T MUTING

IC103 M5218AFPE3 BUFFER AMP
C115 25V10 R130 10K R137 47K
R122 100K C122 470P C119 0.1 R135 22K C127 47P R145 1K
–7.7V 0V 0V
R136 10K R146 1K
C116 25V10 R127 10K R134 22K C123 47P
R123 100K C124 470P C129 0.1

Q116 R166 1K R171 100K 0.7V (–0.5V) 0V
Q117 R163 1K R172 100K 0.7V (–0.5V) 0V

IC102 M5228FPE1 BUFFER AMP
C114 25V10 R151 10K R162 1K
C113 25V10 R131 10K C121 470P R143 100K C135 470P R150 22K C137 47P
R121 100K R129 10K C118 47P R133 22K C128 0.1 R153 10K
0V 0V –7.7V 0V 0V
Vss
R160 1K

Q115 R161 1K R170 100K 0.7V (–0.5V) 0V
Q114 R165 1K R169 100K 0.7V (–0.5V) 0V

Vcc 7.7V
C125 0.1 C136 47P
R149 22K R152 10K
C112 25V10 R124 10K R128 10K R132 22K C117 47P
R120 100K C120 470P
C110 25V10 R147 10K
R142 100K C134 470P
R159 1K

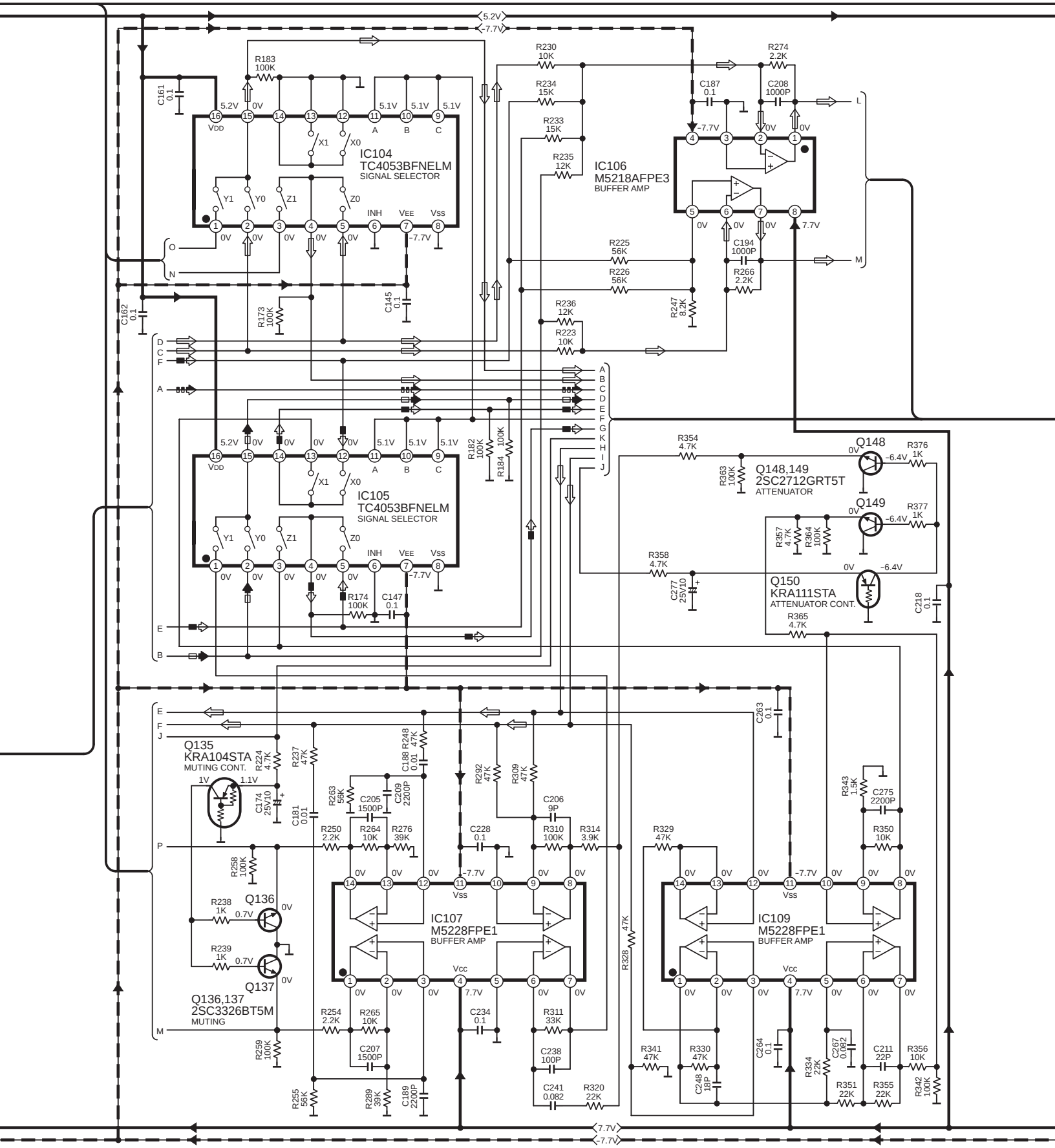
Q113 R158 1K R168 100K 0.7V (–0.5V) 0V
Q112 R164 1K R167 100K 0.7V (–0.5V) 0V
R157 1K

7.7V
–7.7V

SCHEMATIC DIAGRAM–17

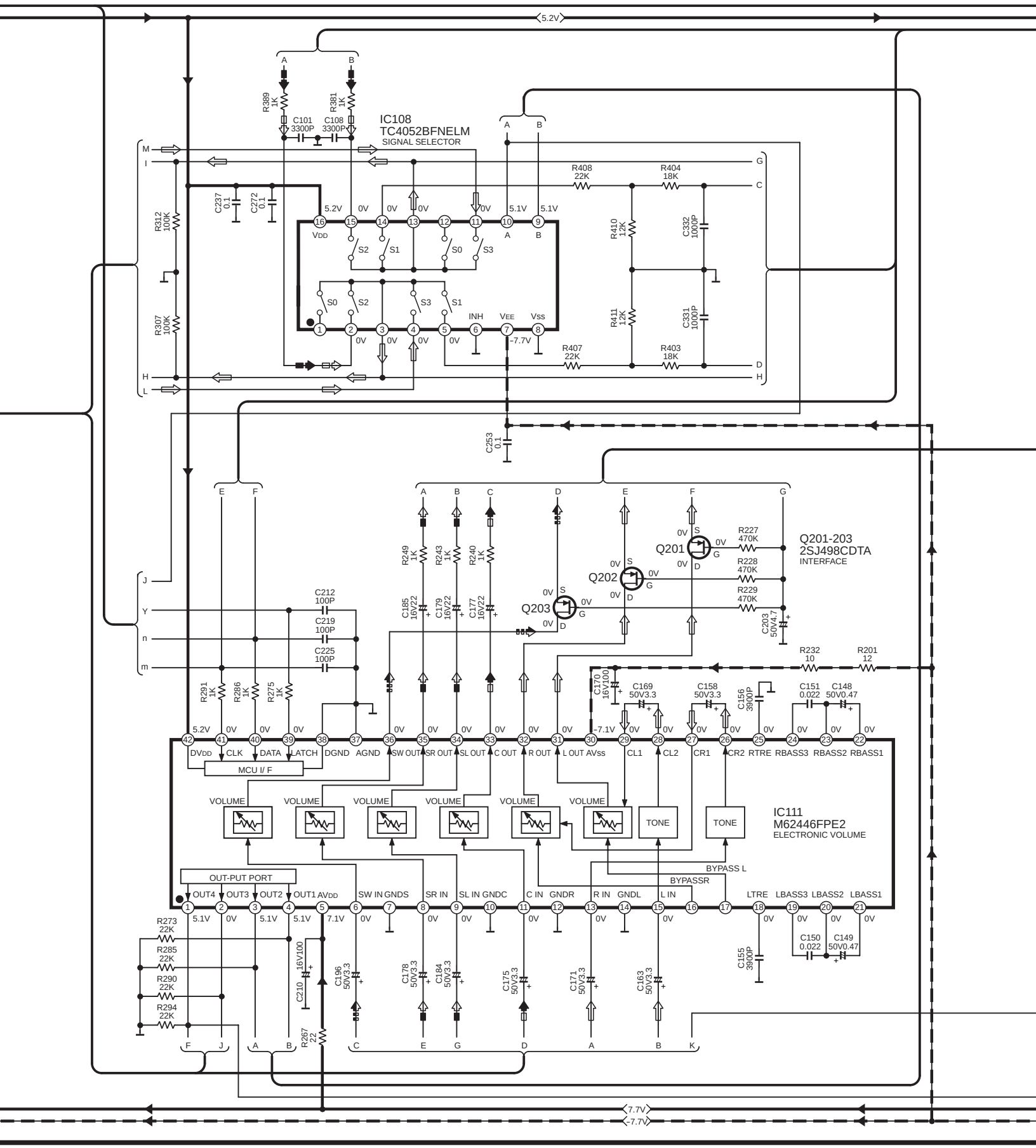
I MAIN CIRCUIT

:POSITIVE VOLTAGE LINE
:NEGATIVE VOLTAGE LINE
:AUDIO SIGNAL LINE
:SURROUND SP. DRIVE SIGNAL LINE
:CENTER SP. DRIVE SIGNAL LINE
:SUB WOOFER SIGNAL LINE



SCHEMATIC DIAGRAM–18

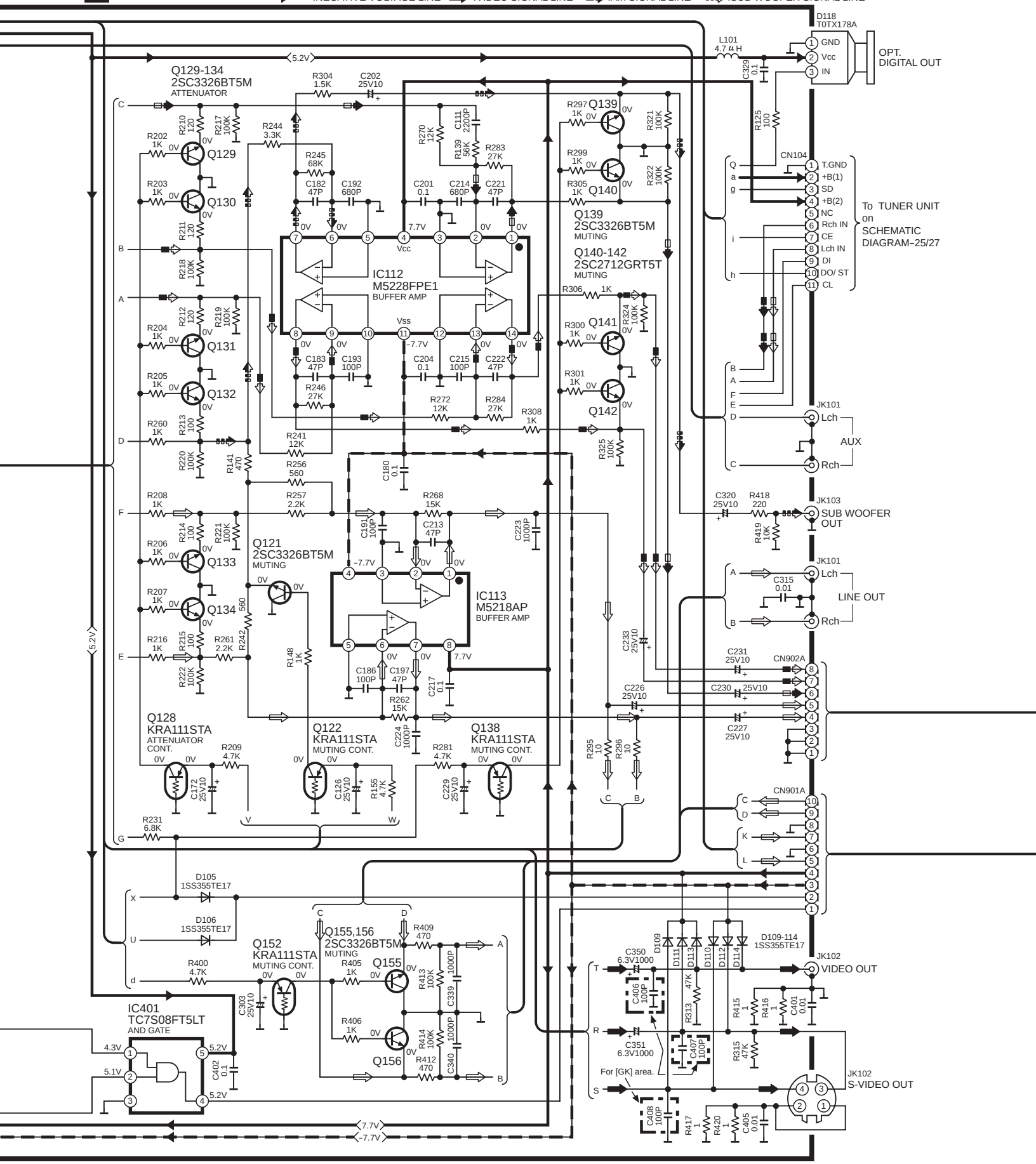
:POSITIVE VOLTAGE LINE
:NEGATIVE VOLTAGE LINE
:AUDIO SIGNAL LINE
:FM SIGNAL LINE
:AM SIGNAL LINE
:SURROUND SP. DRIVE SIGNAL LINE
:CENTER SP. DRIVE SIGNAL LINE
:SUB WOOFER SIGNAL LINE



SCHEMATIC DIAGRAM–19

I MAIN CIRCUIT

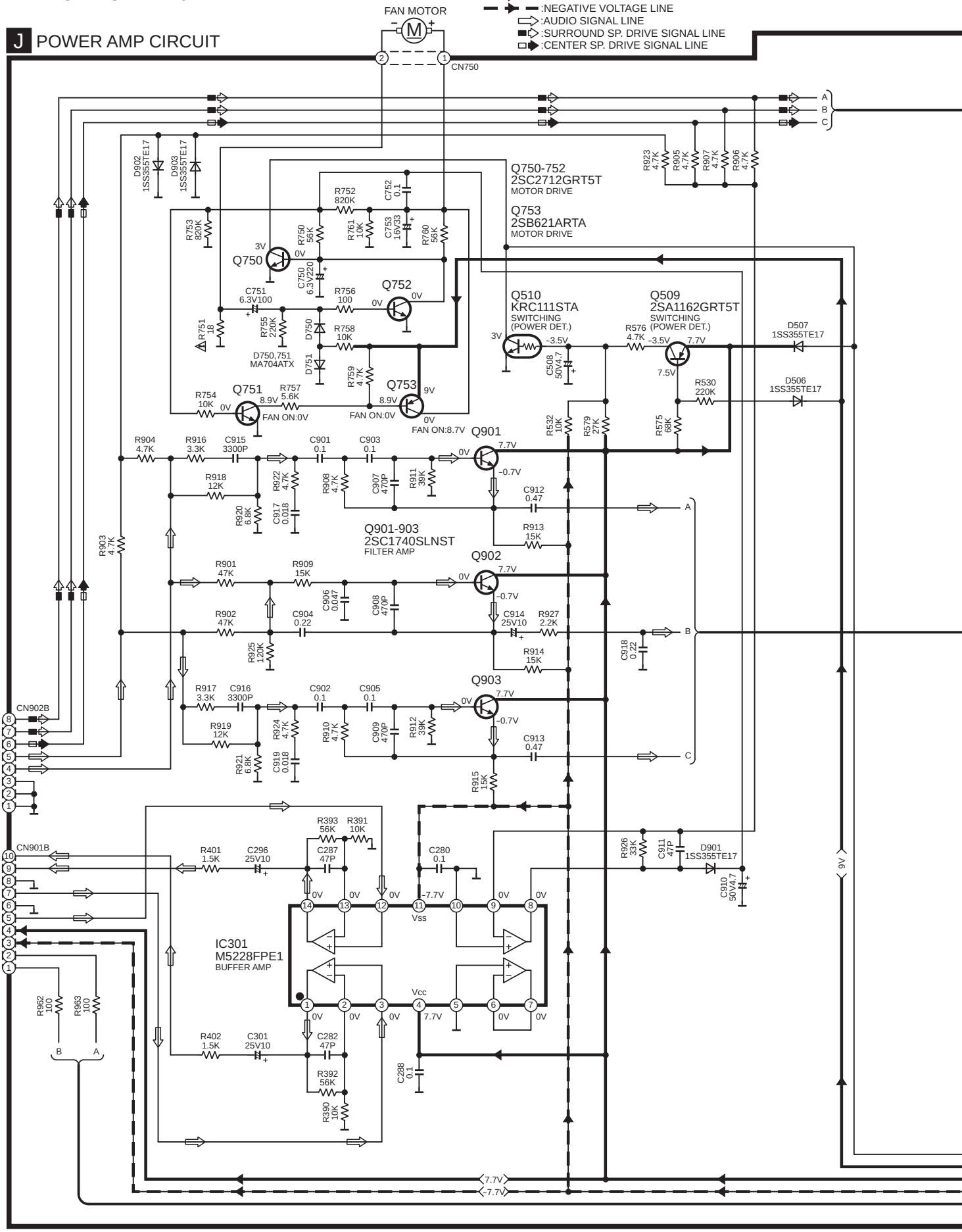
:POSITIVE VOLTAGE LINE
:NEGATIVE VOLTAGE LINE
:AUDIO SIGNAL LINE
:VIDEO SIGNAL LINE
:FM SIGNAL LINE
:AM SIGNAL LINE
:SURROUND SP. DRIVE SIGNAL LINE
:CENTER SP. DRIVE SIGNAL LINE
:SUB WOOFER SIGNAL LINE



SCHEMATIC DIAGRAM–20

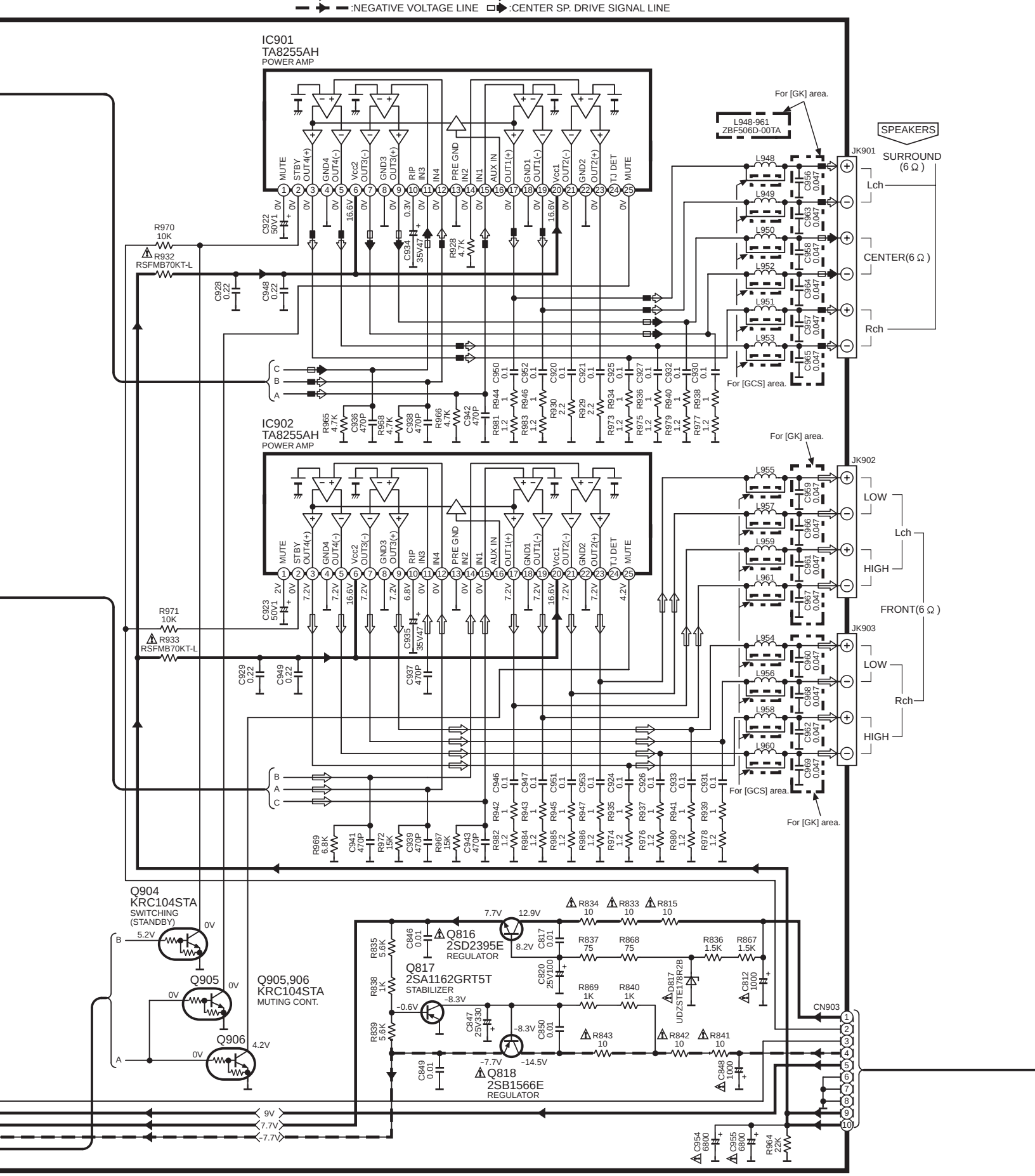
J POWER AMP CIRCUIT

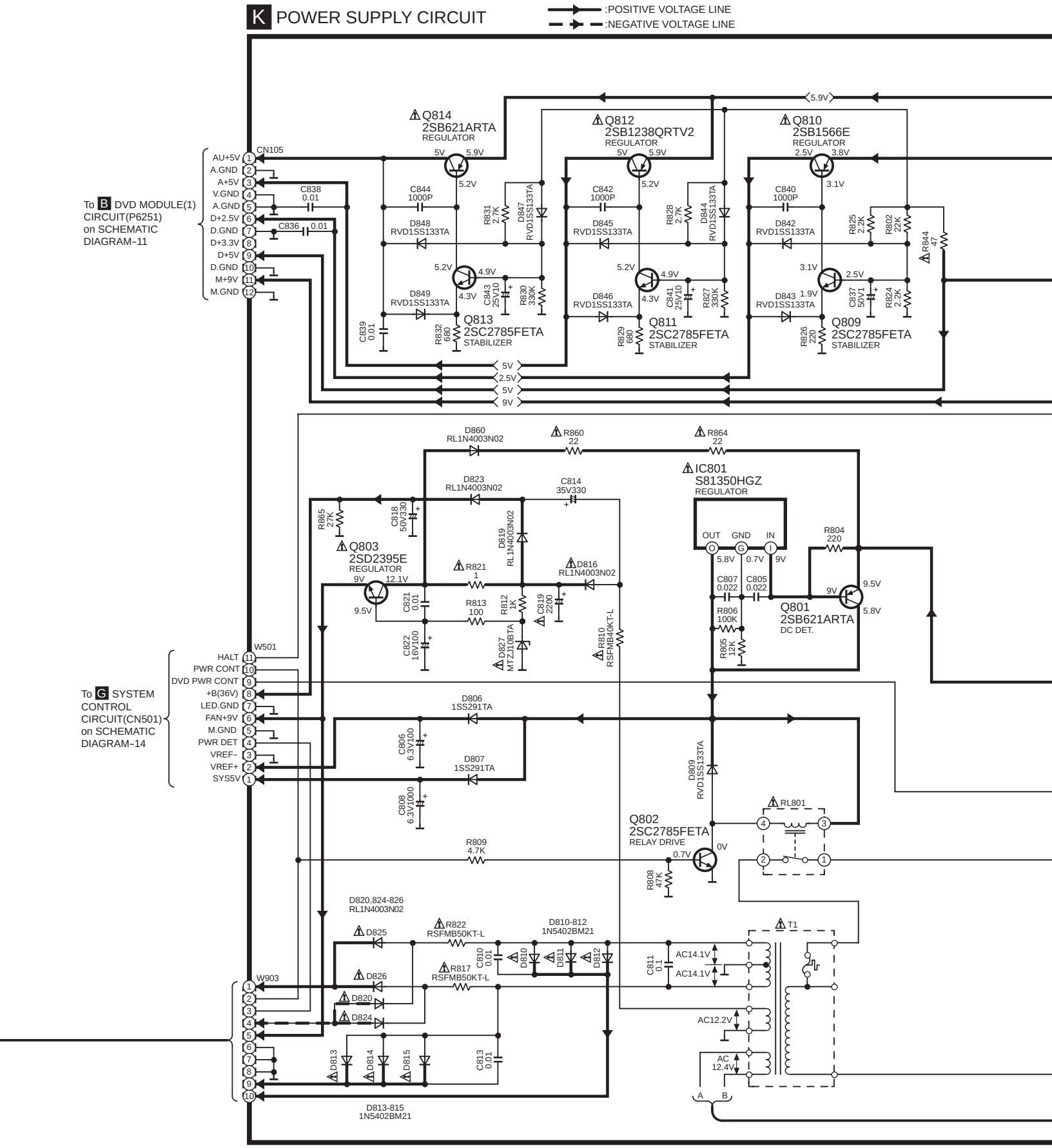
:POSITIVE VOLTAGE LINE
:NEGATIVE VOLTAGE LINE
:AUDIO SIGNAL LINE
:SURROUND SP. DRIVE SIGNAL LINE
:CENTER SP. DRIVE SIGNAL LINE



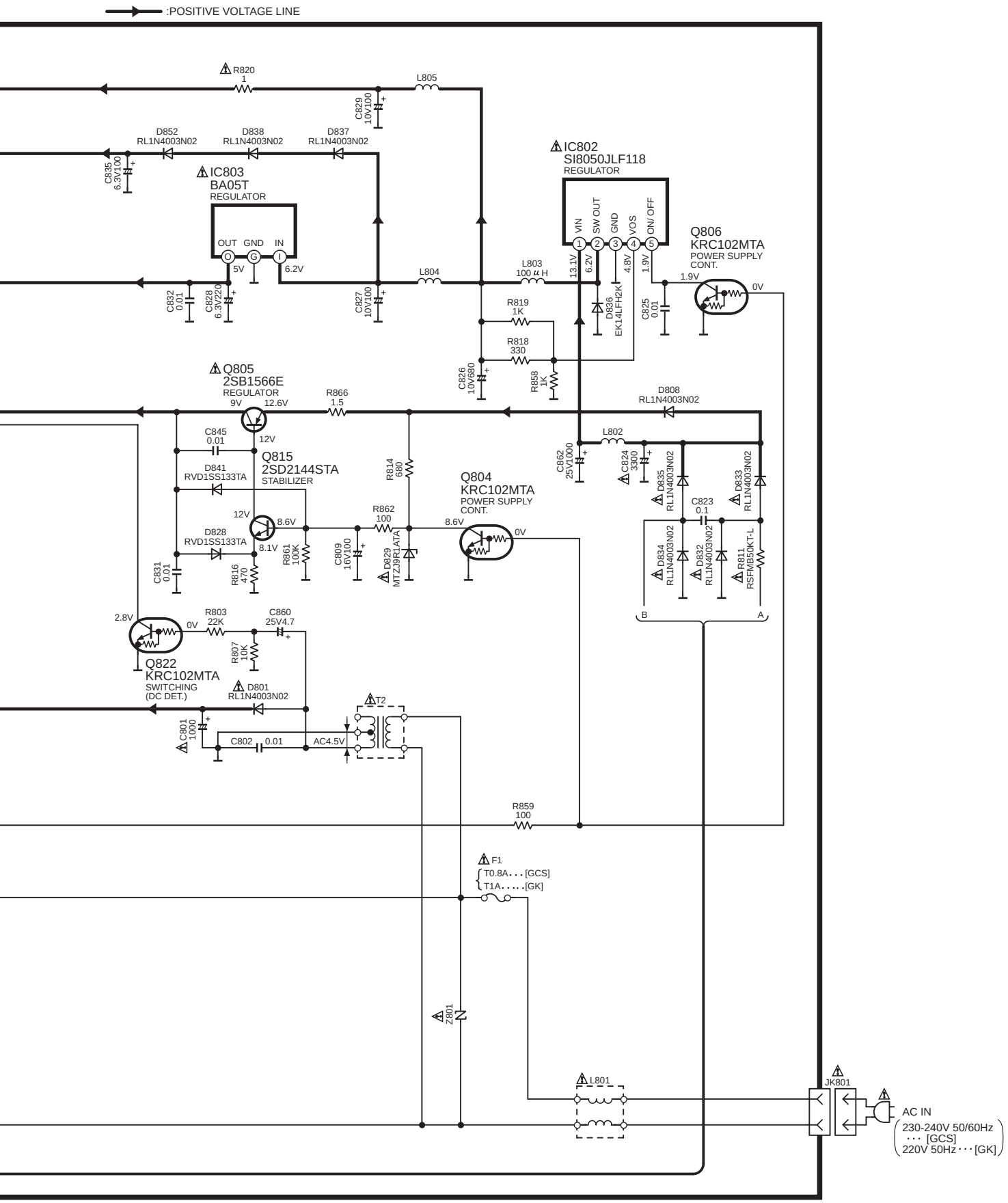
SCHEMATIC DIAGRAM–21

:POSITIVE VOLTAGE LINE
:NEGATIVE VOLTAGE LINE
:AUDIO SIGNAL LINE
:SURROUND SP. DRIVE SIGNAL LINE
:CENTER SP. DRIVE SIGNAL LINE




K POWER SUPPLY CIRCUIT
:POSITIVE VOLTAGE LINE
:NEGATIVE VOLTAGE LINE
To B DVD MODULE(1) CIRCUIT(P6251) on SCHEMATIC DIAGRAM–11
CN105
AU+5V
A.GND
A+5V
V.GND
A.GND
D+2.5V
D.GND
D+3.3V
D+5V
D.GND
M+9V
M.GND
Q814 2SB621ARTA REGULATOR
Q812 2SB1238QRTV2 REGULATOR
Q810 2SB1566E REGULATOR
Q813 2SC2785FETA STABILIZER
Q811 2SC2785FETA STABILIZER
Q809 2SC2785FETA STABILIZER
5V
2.5V
5V
9V
D860 RL1N4003N02
R860 22
R864 22
IC801 S81350HGZ REGULATOR
OUT GND IN
5.8V 0.7V 9V
D823 RL1N4003N02
C814 35V330
R865 27K
C818 50V330
D819 RL1N4003N02
Q803 2SD2395E REGULATOR
R821 1
D816 RL1N4003N02
C821 0.01
R813 100
R812 1K
C819 2200
C822 16V100
D827 MTZJ10BTA
R810 RSFMB40KT-L
R804 220
C807 0.022
C805 0.022
Q801 2SB621ARTA DC DET.
R806 100K
R805 12K
To G SYSTEM CONTROL CIRCUIT(CN501) on SCHEMATIC DIAGRAM–14
W501
HALT
PWR CONT
DVD PWR CONT
+B(36V)
LED.GND
FAN+9V
M.GND
PWR DET
VREF–
VREF+
SYS5V
D806 1SS291TA
C806 6.3V100
D807 1SS291TA
C808 6.3V1000
D809 RVD1SS133TA
RL801
Q802 2SC2785FETA RELAY DRIVE
R809 4.7K
R808 47K
D820,824-826 RL1N4003N02
D825
R822 RSFMB50KT-L
D810-812 1N5402BM21
T1
C810 0.01
C811 0.1
AC14.1V
AC14.1V
D826
R817 RSFMB50KT-L
D820
D824
W903
AC12.2V
AC 12.4V
A
B
D813
D814
D815
C813 0.01
D813-815 1N5402BM21

SCHEMATIC DIAGRAM–23



SCHEMATIC DIAGRAM-24

For [GK] area.

Z101 TUNER UNIT(RAN0005EM-1)

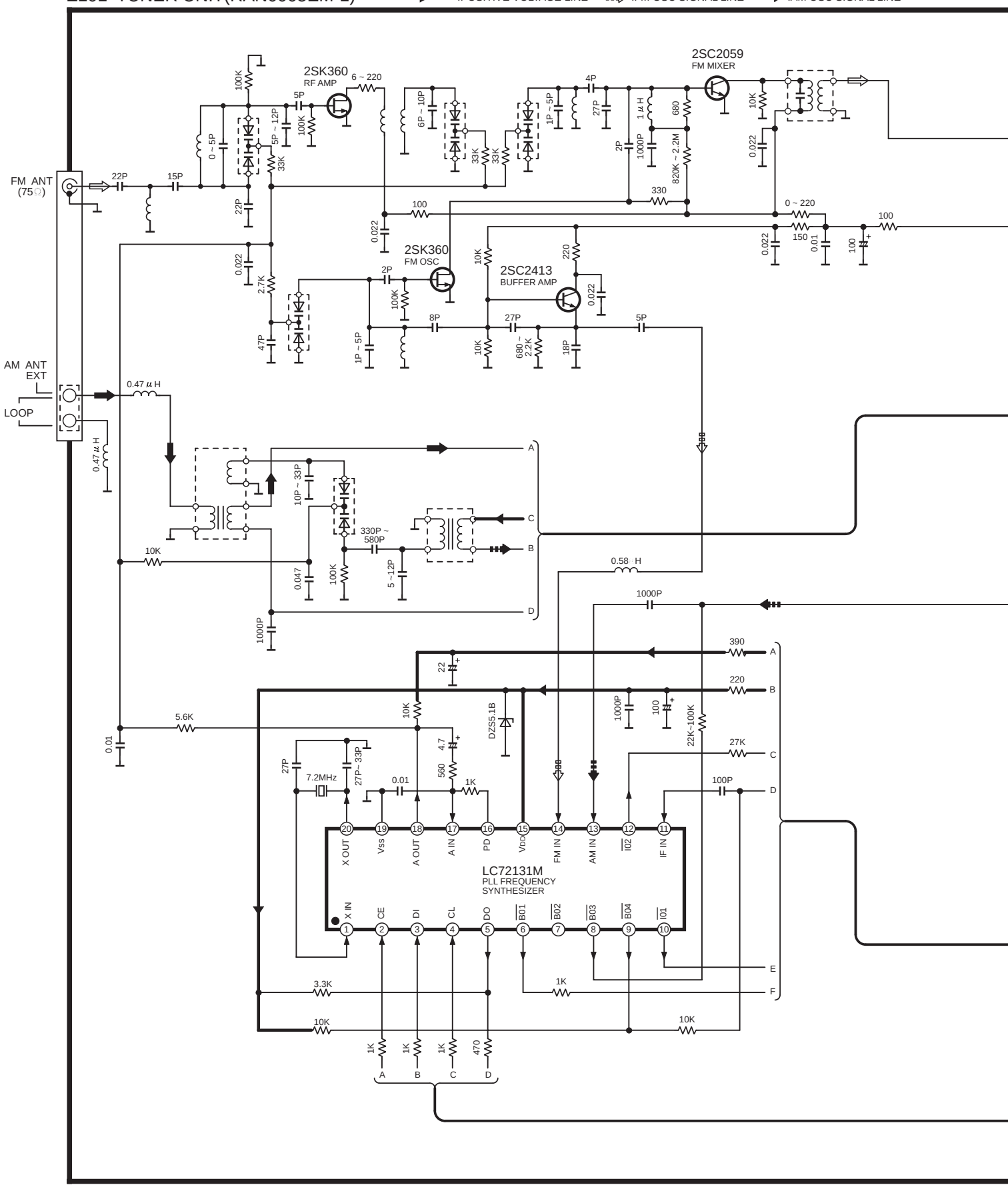
:POSITIVE VOLTAGE LINE

:FM SIGNAL LINE

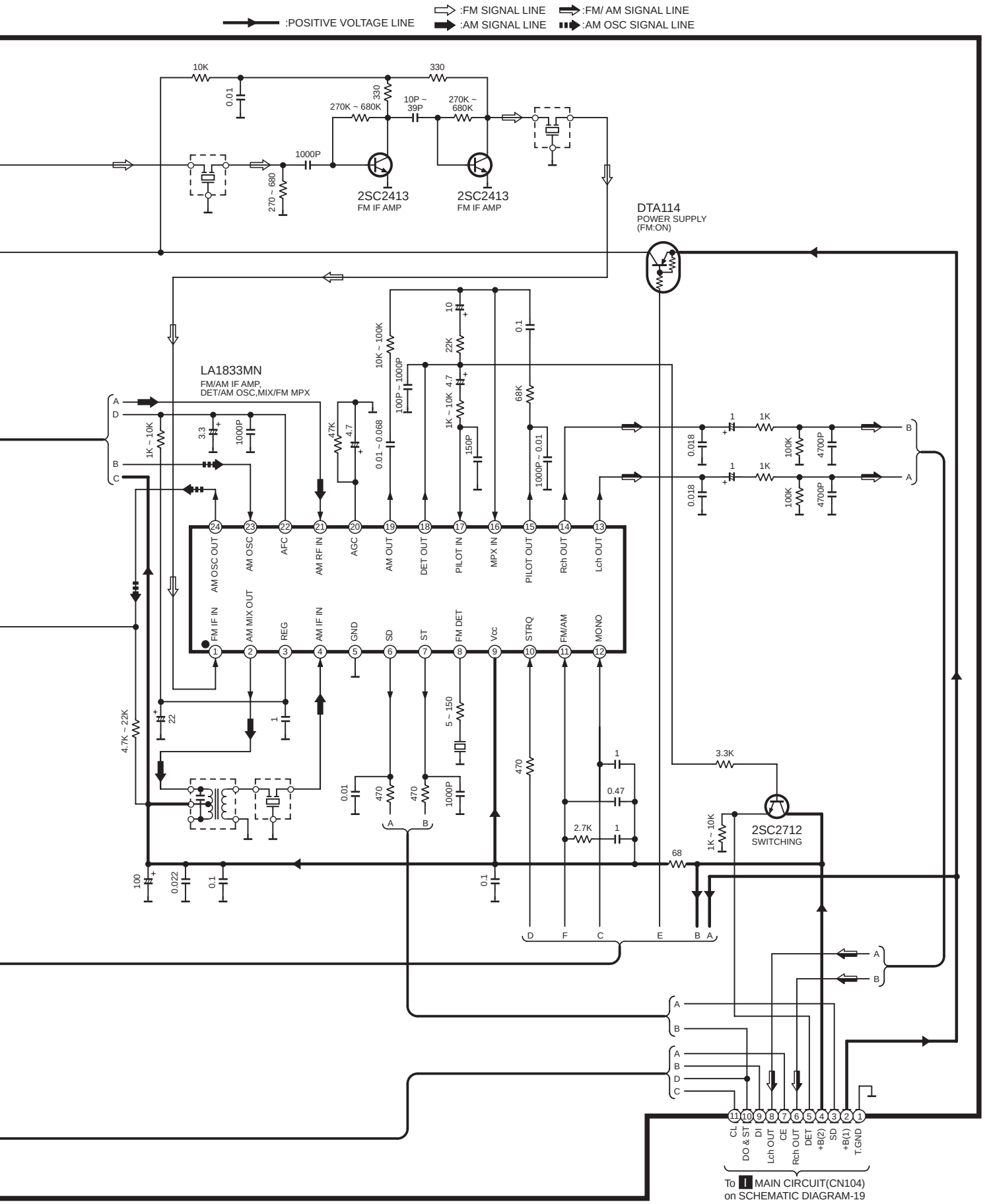
:FM OSC SIGNAL LINE

:AM SIGNAL LINE

:AM OSC SIGNAL LINE



SCHEMATIC DIAGRAM-25



SCHEMATIC DIAGRAM-26

For [GCS] area.

Z101 TUNER UNIT(RAN0004MM-1)

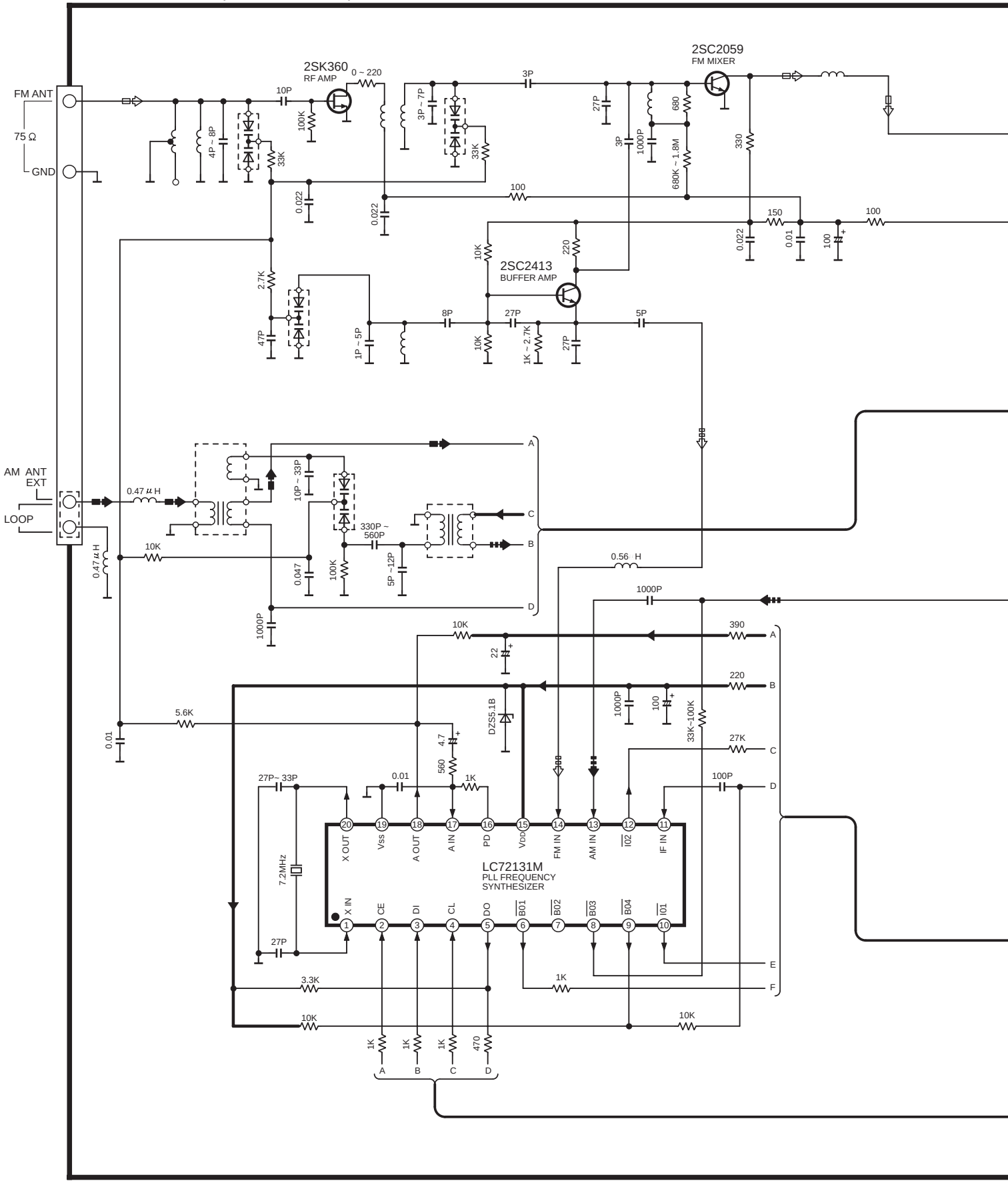
:POSITIVE VOLTAGE LINE

:FM SIGNAL LINE

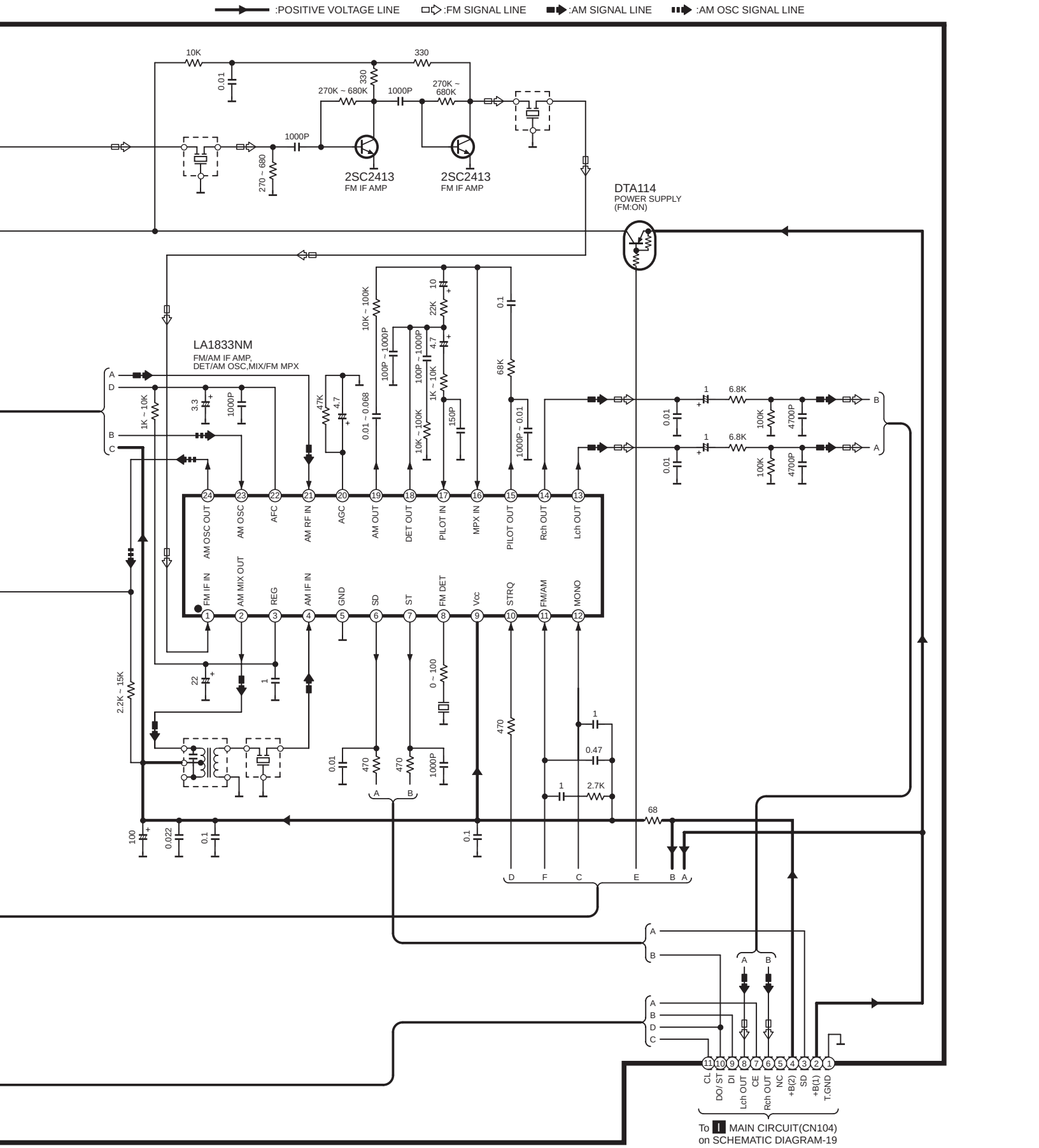
:FM OSC SIGNAL LINE

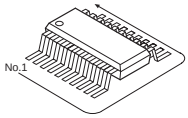
:AM SIGNAL LINE

:AM OSC SIGNAL LINE

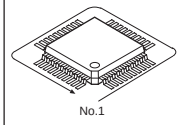


SCHEMATIC DIAGRAM-27



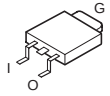


M62446FPE2	42PIN	BU2285FV-E2	24PIN
TC4053BFNELM	16PIN	TC4W66FUTL	8PIN
M5218AFPE3	8PIN	BA7665FS-E2	16PIN
TC4052BFNELM	16PIN	KM416S1DTG8T	50PIN
M5228FPE1	14PIN	AT25020NSI27	8PIN
PQ1R33	6PIN	TC7WU04FUT2L	8PIN
M65853FPE1	42PIN		



MN101C38CRC1	100PIN	MN677532JA	208PIN
MN102H55GFB	100PIN	PCM1600Y1T2	48PIN
MN103S13BGA	144PIN		
MN67706EA	100PIN		
AN8707FH	64PIN		

UPC29M33T



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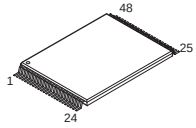
VUB8011D534



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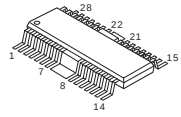
BA5983FM-E2



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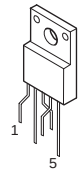

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MM1385ENRE
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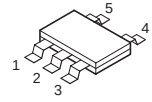

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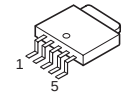

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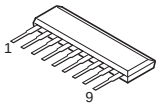

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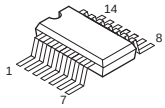

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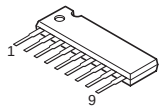

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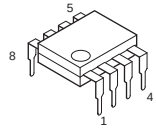

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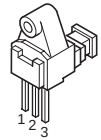

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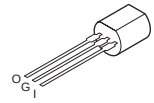

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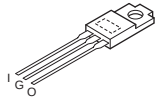

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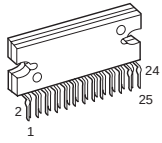

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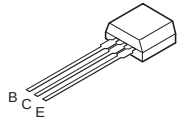

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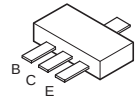

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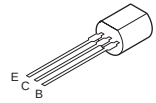
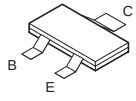
2SC2001KTA





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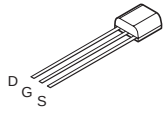

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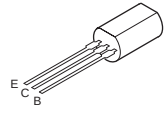

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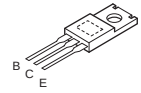

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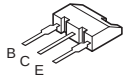

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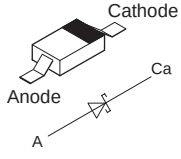

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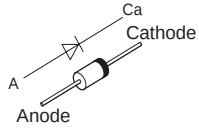

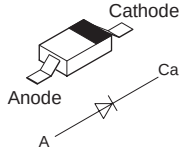

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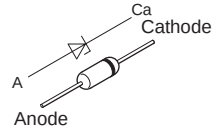

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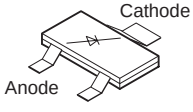

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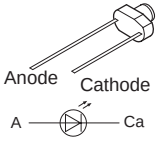

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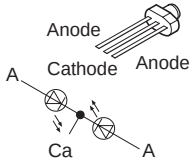

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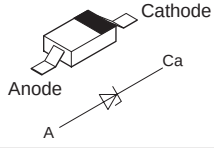
UDZTE1715B
UDZTE1724B



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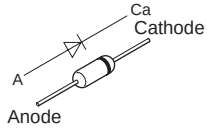

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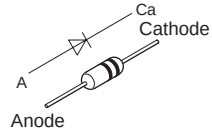
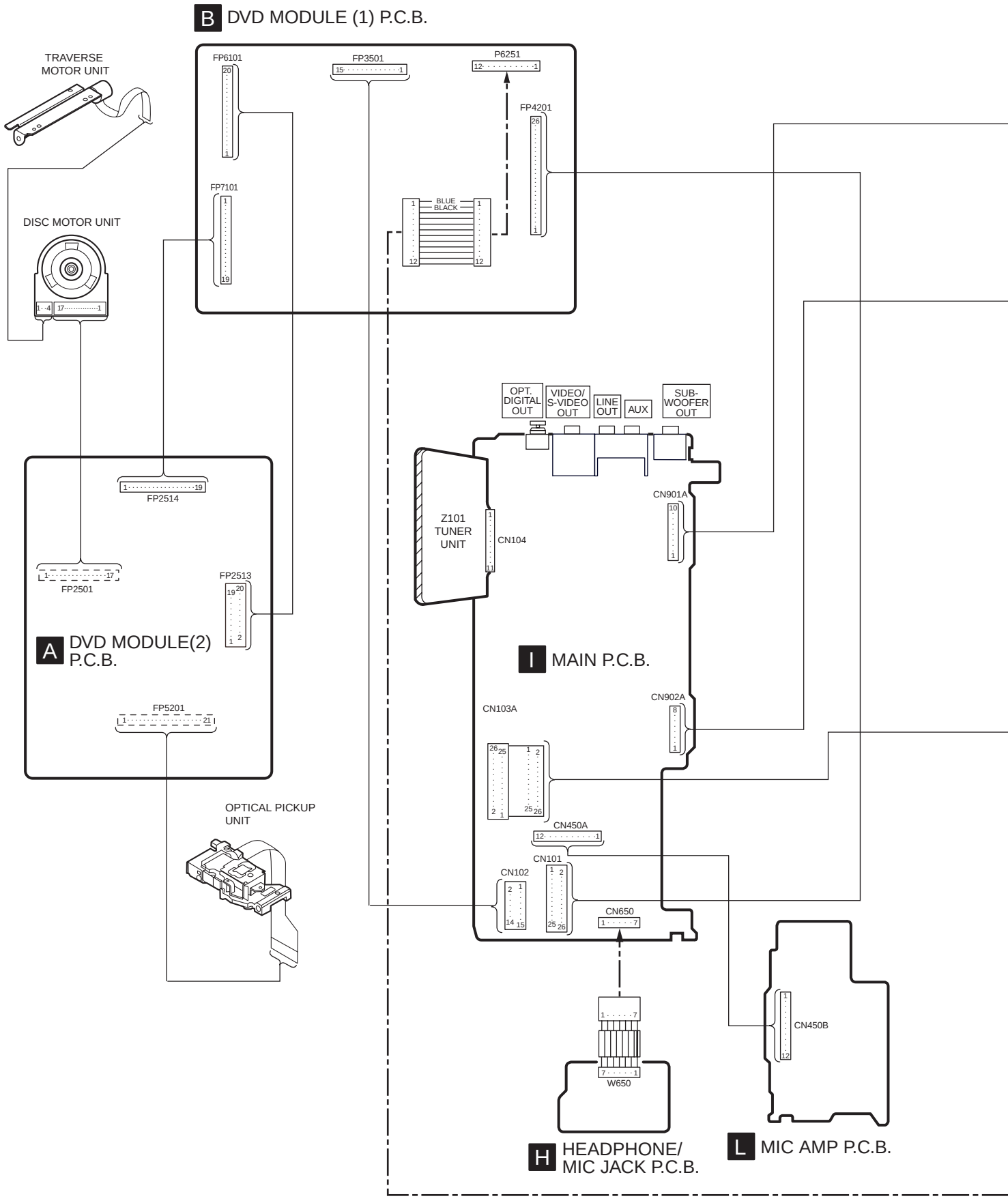
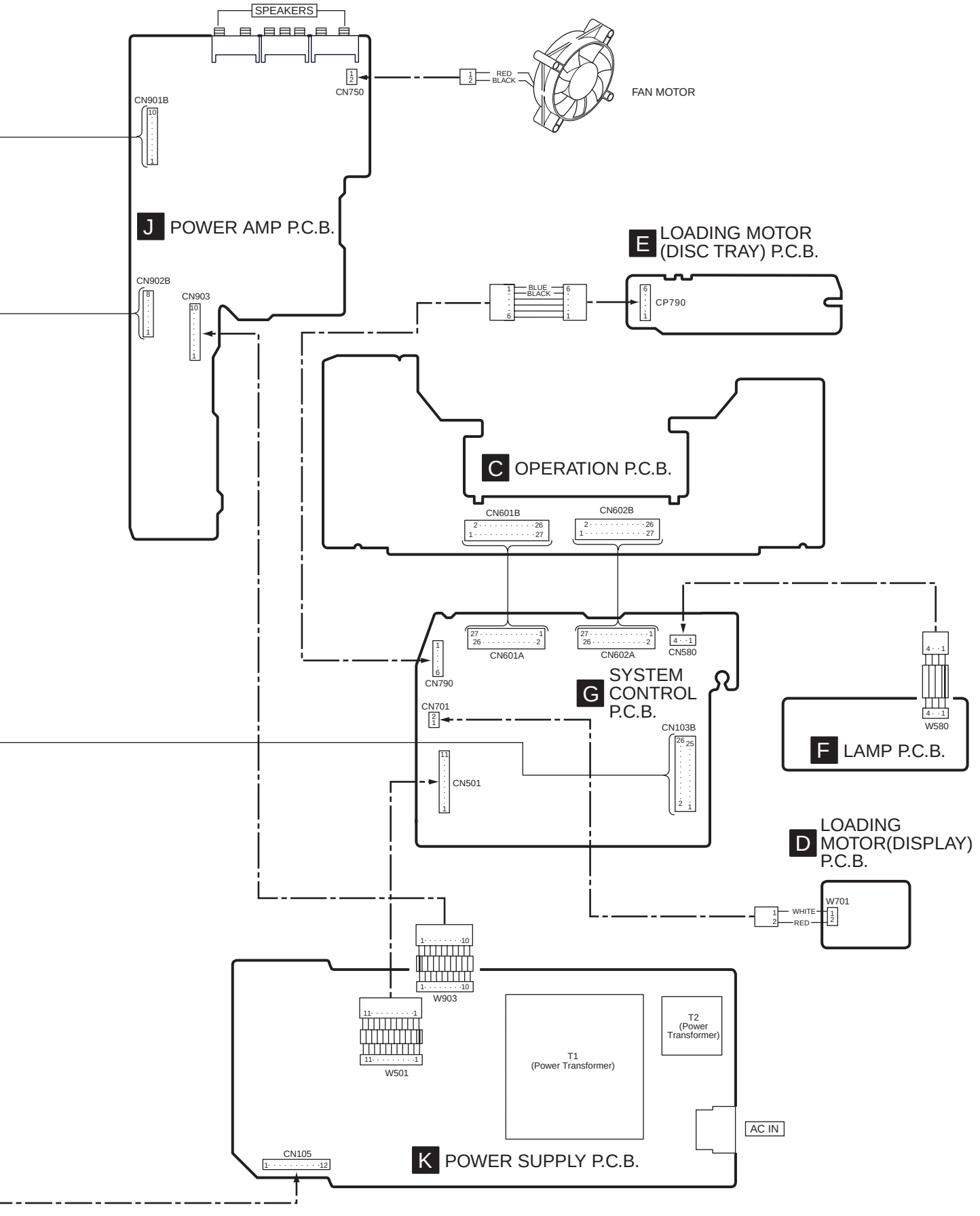



B DVD MODULE (1) P.C.B.
TRAVERSE MOTOR UNIT
DISC MOTOR UNIT
FP6101
FP3501
P6251
FP4201
FP7101
BLUE
BLACK
FP2514
FP2501
FP2513
A DVD MODULE(2) P.C.B.
FP5201
OPTICAL PICKUP UNIT
OPT. DIGITAL OUT
VIDEO/ S-VIDEO OUT
LINE OUT
AUX
SUB-WOOFER OUT
Z101 TUNER UNIT
CN104
CN901A
I MAIN P.C.B.
CN103A
CN902A
CN450A
CN101
CN102
CN650
W650
CN450B
H HEADPHONE/ MIC JACK P.C.B.
L MIC AMP P.C.B.


SPEAKERS
CN750
RED
BLACK
FAN MOTOR
CN901B
J POWER AMP P.C.B.
E LOADING MOTOR (DISC TRAY) P.C.B.
CN902B
CN903
BLUE
BLACK
CP790
C OPERATION P.C.B.
CN601B
CN602B
CN601A
CN602A
CN580
CN790
G SYSTEM CONTROL P.C.B.
CN701
CN103B
W580
F LAMP P.C.B.
CN501
D LOADING MOTOR(DISPLAY) P.C.B.
W701
WHITE
RED
W903
W501
T1
(Power Transformer)
T2
(Power Transformer)
AC IN
CN105
K POWER SUPPLY P.C.B.